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aggtnntnnnt tttgacccta atggctggct actngttctt tntncagggt gccagcgan      60
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tccatatttt actattcatg agtttagaag agtgtttact ttcttgagtt ttcatttcct      180
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tcttttctgg aaccatcttc accgacctgg tgtaatcttc attgngtgtt gantntgcac      660
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<210> 3943

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3943

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ccgtgagtaa aatgcgatca aacagcattg catgcttcag agaaatcttt cttcacaaaa      180
ggaacaattg gtgcagcaaa attaattttc ttattttaag aaattgtcag ccgggtgtga      240
gccaccatgc ccggccgaca taggctatct tttaaaatgc aagctcttct gaacctatata      300
atatgatgtt ttaaaatata gactctgaag acaaagacct gggctcagaa tcaggcccca      360
ccacttattt tcaatggaat cttgtctgaa tcttgtaatc tttccaagcc tcagtttttt      420
catctgtata atagggataa aaataatagt aaacaaataa atgtatttct tttgaatctc      480
tagtagtatt ttaaaaatca gataactaga attatataac tctatgtgct ttatttttta      540
cttgtttgct gggaatcaaa gagcttagtt ttgttttttg ntntttgntt ttttttgaga      600
ccggagtctc gctctgtcac tgcactacag cctgggtgat agaagatac tctgtctcaa      660
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<210> 3944

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3944

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ggttctcaaa gtgtgggtccc ctgctagtat agnttcagcc tcacattgga actggttaga      180
aatgcagact tctcaggatc cacctaattg cagnagttaa ttttaacaag cccttcgggtg      240
atcctgaaac atgttacagt ttgagaaaca ctgctataat acgtgtcatt tnaaattgnt      300
tcaggttgtg ggggtagggg ataagactac caattttatc atcttctgtg caatattacc      360

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tgtttaccta	actcttagag	atattaanan	attttgaaga	atgtgtccca	tgagattata	420
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gtaccttact	catgtgtntg	nggtggngat	ngtgtacaca	aatcttctgc	actgccagtc	540
gnctgaaagt	atagcacatg	gccgggcgcg	gtggntcacg	cctataatcc	caacactttg	600
ngaggcttga	tgcaaggcaga	tcacaaggtc	aggnanattg	agaccatnct	ggctaacacc	660
ggggaacccc	tgtctcttct	anaaatncca	aaattagctn	ngtgtggtgg	cncacgtttt	720
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<210> 3945

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3945

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ctcgttcttc	tggaaccctt	gcccactccc	aggaccaaga	ttggcctgag	gctgcactaa	180
aattcactta	gggtcgagca	tnctgtttgc	tgataaatat	taaggagaat	tcatgactct	240
tgacagcttt	tctctcttca	ctccccaagt	caaggggagg	ggtggcaggg	gtctgtttcc	300
tggaagtcag	gctcatctgg	cctgtttggca	tgggggtggg	acagtgtgca	cagtgtgggg	360
gcaggggagg	gctaagcagg	cctgggtttg	agggctgntc	cggagaccgt	cactncaggt	420
gcattctgga	agcattanac	cccaggatgg	agcgaccaac	atgtcatcca	tgtggaatct	480
tggtggcttt	gaggacattc	tggaaaatgc	cactgaccag	tgtgaacaaa	agggatgtgt	540
tatggggctg	gaagtgtgat	taggtangag	ggaaactgtt	ggaccgactt	ctggcccttg	600
ctcaacactg	accctctga	atggtnggag	gcagtgcccc	agtgcccaaa	aatcccacca	660
ttantggatc	ggnnentatg	aaaaagaagc	ctggaaaaag	tattggggcc	aatgtgttaa	720
gngnggaatc	ancacattcn	tactgnnat				749

<210> 3946

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3946

agnnnnnnt	tnntctttg	ngcctaattg	ttggctactt	gttctttttg	caggnaccca	60
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catgaacata	caaaaataga	tgttttgctg	ttgttcagtt	ttctcaagac	ttactgtttt	180
aagcttgtaa	aattaatgaa	cagtaaaata	gcagaaaata	gtgatacatt	ggatgatttt	240
aatagtttta	ttagtgagat	atgtgaggtg	ttcgaattac	tacaattctt	tccaatccta	300
caagttaaaa	attttgttat	ggttgctgac	ttttaaatgc	tgtttattct	ctgaaggcag	360
ttttatgatg	catttagaaa	aaaggtaaga	gagatgtagg	cattatactg	gttcatcttt	420
tacctaatgc	atgaccagta	tactagagga	agttgtgatg	gaccagagtc	tttttgtttt	480
gtaatcaaat	gaatagtcc	ttcataacca	ggacagctag	tgtgtgcttg	agaatgtctc	540
cctcactata	tgatctggga	tattctgcat	taaaaggact	cccttcccag	tattgggaga	600
aagagagatn	aattgacaca	tttttactct	gactccttca	tttatctttc	cacataccag	660
gatcattttg	gnctttttaa	atgtccaagg	ttccaataag	tttaaattgg	attagtggnc	720

ttctacattt gatcagtaat gnagatggc

749

<210> 3947

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 3947

agagnnnnnn	ttttgactcn	tantggctgg	ctactngttc	ttntntncang	nngcccagcg	60
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attaaaatga	aggcatctaa	tggctccatt	atgtctttta	gagtgggtctg	gccagctaa	180
ttgcatattg	aaatacatta	gatttgtcat	aaattacttt	cctttattgt	cttttctgtc	240
aatcttagga	cattaaatgt	atatgtttga	aattgtgttt	aggtnggtta	tctgagcatt	300
tggttcatat	agtaaagaga	gtgttataag	ttcactgtaa	gccccagggg	ctttgggact	360
natnnggttt	anaacattgc	actaggggaa	atgaattgtt	aagnnatggn	acttctctan	420
actaatgant	catctgantt	aatacttttc	atgtgaagca	tttttaaaga	aagcaaacca	480
gcttgggtgcg	gtggntcaca	cctgtnatcc	cagcactnng	ggaggcagan	gcnggctgga	540
tcacgangnc	aaganattga	gacctnctgn	ccaacatggg	gaaaccctgg	ctctactaaa	600
aatacaaaaa	ttagctgggc	atantggtac	ntgcctgtag	tcccagcttc	ttgggangca	660
nagcaggaga	attgctttga	cccggaatg	gaggttcant	gacccaaatc	gcgcactgg	720
ctctacctgc	acaaatgaga	t				741

<210> 3948

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 3948

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aggggtgctt	ctgtatatcc	tgacaacagt	ggccagccat	taaagagttt	tgagtagggg	120
aactggattt	gtgggttttag	aaagatcatt	tggcttctgt	gtgaaagagg	ccaaaaccag	180
gagcagaaag	accagttagg	aagctgtgac	agcagttgag	agacgatgtt	gtcaaagtct	240
gcagcagaac	agaacagggg	tgacccca	tggacatcat	ctctgctctt	cagtcacctg	300
tagtgcagag	ttttgaagta	ggtctgagca	tggaaaccgt	agtggttggg	aaggaaatgc	360
catttgecta	tggggtgatt	aagatctttt	tttttttctt	caggcggagt	ctcgtctgtt	420
ccccaggct	ggagtgccgt	gacgtgat	cagctcactg	cagcctccgc	ctccctgggt	480
caagcaattc	tcctgectca	ncctcccaag	tagctgggat	tacaggcgcc	caccaccacg	540
cctggcta	ttttgtattt	ttaanngnnn	annnnnnnnn	nnccntntnn	ntcntnnnnn	600
nnnnnnnnntn	nnnnnnntnn	tnntttnttn	nnnnnnnnntn	nnnnnnntnn	nnnnnnntnn	660
nnnnnnnnnn	nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
ntnntcn						847

<210> 3949

<211> 743

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3949

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catgcgattc	gaattcggca	cgagcccacc	ttctctctct	cattgtctga	ttgaaagcac	120
caggtctccc	acattgcttt	catctttgtg	ctgtttgttg	tccctttcca	tatctgtatt	180
tatgctacct	gttagggctc	ttgccgaagc	aggggtggga	acaagaacca	cagatatact	240
tctgtggttt	gtgaagcatt	gtgtggaggg	ctgtgtacac	agagtacctg	gggcagttgt	300
cacagccact	ctgtgtggta	gctgctactg	tgcccatctt	agaaatgaga	aggctgaagg	360
acccacccag	ggccacacag	ccagtatacc	caaaagtcac	acatttgtac	tctgttgctg	420
tctcctgtcc	tatagtacca	cgcactaggg	ctcctgtcca	tgtgcgtaag	aatgaccgcc	480
tanccgtcaa	taagatgata	agcaaggcca	cacggcatgg	cttaagtctc	cctttgccta	540
ctgcatgatg	atcccgggtg	gccagcaagc	agctggaaga	ggaggatggc	aggtaacggc	600
tctcatctct	caccactaga	tgatgcctna	ctcctcctac	catgctgggc	cacccaacg	660
ttttcttgcc	acctatgggc	ttttgtancc	cgtgacagcc	actgtttgac	ttcatcgana	720
cttnttgcgc	aacaagcacg	aaa				743

<210> 3950
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (740)
 <223> n = A,T,C or G

<400> 3950

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attcgaattc	ggcacgaggg	cagatgtntc	tggagttcta	ccagaagaag	aagtctcgct	120
ggccattctc	agacgagtgc	atcccatggg	aagtgtggac	ggtcaagggtg	catgtggtag	180
ccctggccac	ggagcaggag	cggcagatct	gccgggagaa	ggtgggtgag	aaactctgcg	240
agaagatcat	caacatcgtg	gaggtgatga	atcggcatga	gtacttgccc	aagatgcccc	300
cacagtcgga	ggtggataac	gcgtttgaca	caggcttgcg	ggacgtgcag	ccctacctgt	360
acaagatctc	cttcagatc	actgatgccc	tgggcacctc	agtcaccacc	accatgcgca	420
ggctcatcaa	agacaccctt	gccctctgag	cgctgctgga	tctctgggag	ctccttgatg	480
gctcccagac	cttggtcttt	gggaattgca	cttttgggcc	tttgggctct	ggaacctgct	540
ctgggtcatt	ggtgagactt	ggaaggggca	gcccccgctg	gcttcttggt	tttgtggttg	600
ccacctcagg	tcctcctttt	aatctttgct	gacngttcaa	tcctgcctct	actgtctctt	660
cataccctgg	tgggggtccc	ccttntttct	ccatggacag	aanaccacca	ctgggggatgg	720
ggaattaaag	ttganaacat					740

<210> 3951
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (744)

<223> n = A,T,C or G

<400> 3951

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nttcgttcaa	tagcatgtta	agtagatatt	atctgacaga	cctacaagtc	tcacttatcc	120
gngacatcag	acgaagaggg	aaaaataaag	ttgctgcgca	gaactgtcgt	aaacgcaa	180
tggacataat	tttgaattta	gaagatgatg	tatgtaactt	gcaagcaaag	aaggaaactc	240
ttaagagaga	gcangcacia	tgtaacaaag	ctattaacat	aatgaaacag	aaactgcatg	300
acctttatca	tgatatttnt	agtagattaa	gagatgacca	aggtaggcca	gtcaatccca	360
accactatgc	tctccagtgt	acccatgatg	gaagtatctt	gatagtaccc	aaagaactgg	420
tggcctcagg	ccacaaaaag	gaaacccaaa	agggaaagag	aaagtgagaa	gaaactgaag	480
atggactcta	ttatgtgcag	tagtaatgtt	canaaactga	ttattcggat	cagaaaccat	540
tgaactgct	tcaagaattg	tatctntaaa	ttctgctact	tgaataactc	agttaacgct	600
gttttgaact	tacatggaca	aatgtntagg	acttcaagat	cacacttggt	ggcaatctgg	660
gggagccaca	ctttcatgaa	ntgcattgna	tacaaaattc	anagttatgt	cccangaata	720
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<210> 3952

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3952

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aggtgaagag	ggaccgcatt	ctggggccca	cgatngacca	cctgtagctn	attccatcct	180
gnaccttgna	tgaggggtag	cctcccactg	catcccatnc	tgaatatnct	ttgcaactcc	240
ccangantgc	tnattttaagt	gttnatactt	ttnagagaan	tgcgacnatn	caattgtgag	300
atctccnct	gccattgccc	tgntngnagg	gcacctctnc	tccaccnnna	tgganngggn	360
ngcagctnaa	nggccctnan	acgganctgn	tttcatnaag	atnacattac	acngagnnga	420
gctaactggc	ctgnatngaa	angntnntta	tgancnaagn	nacaancttt	ttaanngttc	480
ctganannac	ttgngncnct	agaacaatag	antgtccaat	tacaaagatc	cncacntgat	540
gcnatacntt	gatgagcttg	actacaccnc	ngctttaatg	caannncaaa	aantgccctn	600
tttngnaaat	nnnacatata	tncgttttan	gantaaccat	ncanaaagtt	gnattanacc	660
angttgaacn	ccncaatggn	ccttcaattt	taannggcta	ggntnngctg	anggtnangg	720
accgcccmt	nttgtttgct	cggccnggna	atgggattgg	ccct		764

<210> 3953

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3953

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acttagaccc	aagaagggag	cttgaggtac	aagaaaactt	cagggtagac	aggaaggagg	180

cgtggtgaaa	gtgatgaaag	gggagagtag	aagggtgggc	cagggtcaga	caggaggtta	240
gatttaaatcc	ttcagggcac	tttcattaca	tcatagctgc	cattttgtct	tttatctgac	300
tcaataataa	gtcagtaata	agtaatgttt	taattaaagg	taaatgcttg	gcaggtaggt	360
taaacttcat	tgagtcccaa	tcctgtcata	attattgtgt	atacctttct	cagctttttg	420
tctacttgaa	atatatttct	tcttcctttg	agcagccaaa	atggaagtgt	tggatgtgtt	480
ggctctgttg	gtaggctcct	gttggatgcc	tgttgtcact	cataaatgta	acaccacaac	540
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aacatttcct	gganctgcct	ttaaataata	ataataatac	cttgtataga	tacagtgcct	660
tacaatttac	agagcacttc	cacatacatc	atctcattta	atcttcacaa	ttaacaatgc	720
nttttgaatg	cttagatatt	tcctangg				748

<210> 3954

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (748)

<223> n = A,T,C or G

<400> 3954

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acttagacc	aagaaggag	cttgaggtag	aagaaaactt	cagggtagac	aggaaggagg	180
cgtggtgaaa	gtgatgaaag	gggagagtag	aagggtgggc	cagggtcaga	caggaggtta	240
gatttaaatcc	ttcagggcac	tttcattaca	tcatagctgc	cattttgtct	tttatctgac	300
tcaataataa	gtcagtaata	agtaatgttt	taattaaagg	taaatgcttg	gcaggtaggt	360
taaacttcat	tgagtcccaa	tcctgtcata	attattgtgt	atacctttct	cagctttttg	420
tctacttgaa	atatatttct	tcttcctttg	agcagccaaa	atggaagtgt	tggatgtgtt	480
ggctctgttg	gtaggctcct	gttggatgcc	tgttgtcact	cataaatgta	acaccacaac	540
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aacatttcct	gganctgcct	ttaaataata	ataataatac	cttgtataga	tacagtgcct	660
tacaatttac	agagcacttc	cacatacatc	atctcattta	atcttcacaa	ttaacaatgc	720
nttttgaatg	cttagatatt	tcctangg				748

<210> 3955

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (749)

<223> n = A,T,C or G

<400> 3955

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aaaaaaagca	aacaatagga	agaggaacta	tataaaaagga	acatttggag	catagaagag	180
agttcatgga	aatgtaaaaa	atgatggtac	cctgggtttg	atatagtaag	taaaaaacta	240
agggttaagag	ggcatgaaa	gcactctanaa	ntagggaggga	aagccagtca	aattcacagg	300
atgaagtcag	gaagataata	gagcantgcc	cgcangatcc	tgagggaag	caagttccaa	360
tctataagtc	tgtaaccctc	acacctgatg	gcccccttgaa	catattcagg	gcttcaaaaag	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	480
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	540

atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaaa	600
acacctgac	catattggag	tggtgggatg	cgagcttcag	gaaggggatgc	cacaagggna	660
aagtgggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3956

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3956

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gattcgaatt	cggcacgagc	gcataaggaa	agctggaaaa	taacctataa	ataatggcaa	120
aaaaaaagca	aacaatagga	agaggaacta	tataaaagga	acatttggag	catagaagag	180
agttcatgga	aatgtaaaaa	atgatggtac	cctgggtttg	atatagtaag	taaaaaacta	240
agggtaagag	ggcatgaaa	gcactctanaa	ntaggaggga	aagccagtca	aattcacagg	300
atgaagtcag	gaagataata	gagcantgcc	cgcangatcc	tgagggaaag	caagttccaa	360
tctataagtc	tgtaaccctc	acacctgatg	gccccttgaa	catattcagg	gcttcaaaaag	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	tcttcttaaa	480
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	540
atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaaa	600
acacctgac	catattggag	tggtgggatg	cgagcttcag	gaaggggatgc	cacaagggna	660
aagtgggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3957

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3957

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cgattcgaat	tcggcacgag	aagagaccat	catctcatca	aagagagtta	aaagtaggga	120
tgttctctgc	aaggcctctt	ctgatatgat	taattgattg	taaattaagt	aatcaaggca	180
tactttgttg	atttgtcata	tctgggtaaa	aggtttatgg	tttatttaat	aaatgaaact	240
gcaaaatcag	ttttctacat	ttctgttata	tttttggtta	agcacttaaa	agaatttctg	300
ctctgtccag	gggcaagatt	cttgccaaga	gaattaatgt	gcgtattgag	cacattaagc	360
actctaagag	ccgagatagc	ttcctgaaac	gtgtgaagga	aaatgatcag	aaaaagaaag	420
aagccaaaga	gaaaggtacc	tgggttcaac	taaagcgcca	ggtaagaatt	tggtgtatat	480
ttcattgggt	ctgagagcac	tttaagggtg	agatttaaca	catcacataa	ttattntatt	540
cccttttttt	ttcctttaat	agcctgctcc	accagagaaa	gcacactttg	tgagaaccaa	600
tgggaaggag	cctgagctgc	tggaaacctat	tccctatgaa	ttcatggcat	aataaggtgt	660
taaaaaaaaa	aaataaaggg	acctctgggc	tacaaaaaaaa	aaaaaaaaaaa	actngagcct	720
ntagactntg	tgagtcgttt	acgtanaacc				750

<210> 3958

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3958

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agngnnnnnt tgatccttnc taatgcttgg ctcttgttct ttttgcagga cccacgattc      60
gaattcggca cgaggtaatt tgtaaattct gtggtacttt tcaaagtgt atcattttact      120
gagtctgatt atcacacggc ctggcatata ataagtactc tataagtatt ggctgatttc      180
taataggctc gaaaatttat cctttagaat tttttcttca gttggtttag cgagtttccc      240
tttgatgttg aaaatgtttt tttttaaaaa tctaacctag accatcccaa atcatgaatt      300
actgttgtgt gaaacagtga gactactgtt tttatgccac aggtttataa ttatgcaaatt      360
aaatactaca tctttgcatt cattttgggt ttacttaccg aattttcatt ccaggaatgt      420
ctgaatctga acaggctctt aaaggtaact ctcagattaa attactctca tctgaagata      480
tagaagggat gcgacttgta tgtaggcttg ctagagaagt tttggatgtt gctgccggca      540
tgattaacca ggtgtaacta ctgaagaaat agatcacgct gtacacttag catgtattgc      600
aagaaattgc tacccttctc ccttgaatta ttataatttc ccaaagtcct gttgtcctca      660
gaccttattg ctttaaaaata taataatgnt ttcattactt ttattatttg gaatgattta      720
gtaaaagttg actgaatctg gtt                                     743

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<210> 3959

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3959

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agagnnntcn tttaatctna ntgnactctt atggcttggn tactcgttnt tnnnnaggca      60
gcccattgngn ttccaatncc gcacgaggcc aaatgcactt ttgtgtatcc naagngaaaa      120
gangagaggn ctcggatgac catgcttagt taanggggag ggtgaccttt natatgcaag      180
tnggggaaatn caganaaaagt gaaaggggnc canaatgaaa acacatgaaa taagataagc      240
aganatgaaa ngnggcncta gaactgtaag aagcatttga acaggcanaa cagtgtctgga      300
gacttttagga gagggctcaa gctgccatgt ggccggctct caaatagtct tagaatgact      360
agcatatctt tttacaaaac tatnagcaac ttgagggcaa aaataaagtn tatttatctt      420
gcatccngaa naataaaacnt ggtgctnngc attnggtagg tnnnctttat gngtatatat      480
gaaaagcata ttttcatttt attagaacat tgtggtaaaa attctattga aaaccatgct      540
ntaatgtaga tagctcnact tanttcggan gttccaaact ttttngttca agtnccatt      600
tatgtctcta aaattggtct gccagtctaa aatacttant tnatgtnggt natgtctatc      660
gatatttacc atttnagaaa ttaaaactga nagatttgaa accattnttt naaacctta      720
catgntaaca taaaacgtat ttt                                     743

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<210> 3960

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3960

cttatcttct	aatggcttgg	ctactngttc	tttttncagg	atcccatgcg	attcgaattc	60
ggcacgaggt	gaccaccact	ccattcttgt	ctcctgtgtt	ctcggttcag	accacccaca	120
aaggcagctt	caaagccaaa	tcctcaggaa	gggggatctg	cccgggctag	ctagtcacgt	180
gtcaggcaca	gtcagctctg	ttgaggggtg	tgcatgtagg	gctcagtgag	gccacagagc	240
tcagatgtgg	ctatgaagac	tcctgggttg	tgggggatgg	cagttctcac	agatgagagg	300
tatggatggg	ctgggtgcaa	tgactcacgc	ctatgatccc	agcccttttg	gaggccaagg	360
tgggcagatc	acttgaagtc	aggagttcga	gaccagcctg	gccaacatgg	tgaaacccta	420
tctctaccaa	aatacaaaaa	aattangtgc	ccatgggtgg	gggtgcctat	attcccagct	480
cccaggagac	tgagcangag	aattgctcaa	accaggagc	ttgaggttgc	agtgagtcaa	540
natcacacca	ctgcnctnca	cttgagcgac	agaataagac	tctgngttaa	caaaannaaa	600
aaaaaaaaact	cgagcctcta	naactatagt	gagtcgtatt	acgtanatcc	agacatgata	660
agatncttgg	tgantttgga	caaaccacac	tagaatgcan	tgaaaaaaat	gctttttattt	720
gggaaa						726

<210> 3961

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3961

agngnnnnnn	nnttntctta	tntacttaat	gcttggctac	ttgttctttt	tgcaggctcc	60
catcgattcg	aattcggcac	gagctgagtc	tccttataga	tgaggcagca	gaggcctttt	120
acaaatacct	ctcttggttc	agttacacaa	gtcataattt	actgagcacg	atggtaaaat	180
cctttaaaaa	tgtagtaaaa	agaacagagt	atgcatatgc	aaaggaggag	attggggaaa	240
gcaaattaga	agtctatgca	ttctgtagac	agtgaagct	ggttcaagca	gaatgaataa	300
gaaagtaatt	taaaaagaag	gcatcactta	ttgactaagg	tcaaacagga	ggaatacaca	360
taaaaaccag	aaactaactt	caagcagaat	gaataagaaa	gtaattttaa	aagaaggcat	420
cacttattga	ctaagggtcaa	acaggaggaa	tacacataaa	aaccagaaac	taacagcaat	480
tatgatgata	atattccaaa	aaaaatcttg	agtgaagaag	aagaagaaga	agagtaatag	540
caaacccttg	tgataataag	tgccagggtg	gtagtatgtg	ctgctattaa	agtaaattgga	600
tgttcaatta	tttaatttat	aattctggnt	tcattggatag	tcctttaagg	gaagtgtctat	660
tttgatgttc	atctttacat	gtgaagaacc	ggtaagaga	gattactgat	tctccanggt	720
cactcactga	tgggtggtgg	naattgg				747

<210> 3962

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3962

agngttnccn	tannaactcn	tgaaangetg	ggctacttgt	tctttntnca	ngnngcccat	60
gcgattcggg	aaccaggggc	tgcaaacct	ttccctcccc	aatgaggacc	ccctctggac	120

gccccctcccc	atgggagaaca	ccaggagcca	cagaccccag	accacagagc	acacagggga	180
gggcacgggg	cggccggggc	aggggtgtctg	ctgcctcggt	tatgggattt	gctccgcgtc	240
tagcacactg	ctgcctgcag	tgctcctgtc	cctgcagtg	gctactctgg	gcctacgggc	300
ctaactctgg	ttggcatgaa	aatgtcctga	ggctactgtg	acaaatttcc	acaagctgag	360
tggcttaaag	gaacacattt	gttctcttac	agttgcaggg	gccanaagag	tctaaaaaca	420
gtcagcaggg	ctggttcctc	ctggagctta	gaggggctga	atccgtttcc	tgctttttt	480
agtatctgga	gggcgcctgc	atccccttgc	ttatggcccc	ttccatcacc	aaagccagta	540
gtgtcacatc	tttcaacttc	cctgacctga	ctnccgcttt	ctcttagaag	gacctgtgt	600
gactttggac	tactagataa	tttaggggtca	tctcttcatt	tcaggaacct	ggaatttaat	660
cccacctgca	agtncccttt	gccaggtaag	gncacaaatt	cacanggtct	tgaagatgaa	720
agatgttgga	ccctttttga	gggncatgat				750

<210> 3963

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 3963

tnttcactctn	gcnnnttggnc	ttntngcacg	atccctcgat	tcgaattcng	cacgagacac	60
attcttccat	ttgtcagtaa	gagtaataat	ttgactgttt	tattggattt	tagccttttt	120
gatttcatat	agctgtatat	taatatatca	ttgtttttta	tatgtctaca	ttgaatactt	180
attacttgtg	caatgaaaaa	taataattaa	agatgaaagt	taagcctggt	accactttca	240
gagaacaacg	tgacgttttg	gaatttaaaa	ttttttcagt	agatttgaga	aaaacttggg	300
ttaaaatgaa	gatttatgct	cagaactgag	attccagggt	ttaagtctgg	ttttaaagct	360
gtcttcaaga	ttttaatgta	ttttctgtgt	gtataggatg	ctctcatttc	tgtttttaaa	420
aatgaaaggg	atcgctcctg	taatcccagc	actttgggaa	ga		462

<210> 3964

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3964

ccccctttnt	ataccntcc	tnctactngn	tctttttgca	ggatcccatc	gattcgcttt	60
gtcccaatat	ttgtgacacc	agtgtaatga	cttggttaag	ttgggttgac	caggttcctc	120
cactggncag	gttatacttt	ttcattctgt	aattaatgta	tcgctatata	ttttatatac	180
tttgaaactg	taaacatctt	gtcctcatca	aaccttcacc	tactaatttt	agcagtcatt	240
gctaattttt	taaaactcca	ttctttctac	atttagtagt	tggcattcta	ctataaggaa	300
gaattttccc	tttttccctt	tttgtgtata	cttattttatt	aataatttatt	atttattaat	360
atatatgcaa	gtatagacac	ttgcattctt	attgtattca	gtggattatg	atccattgct	420
attttctggt	tgggctaaat	tgtcccatat	tccatcagtg	ggaatgcctt	caagttaact	480
attgtgtgcc	tttgacatgt	gccaacatg	gtgaaaccca	atctctactg	aaaatacaga	540
aaaattacct	tagcatgggtg	gtgtgtgcct	gtaattccag	ctactctgaa	ngctgagtgg	600
ggagaatcac	ttgagcctat	aaggcanang	ttgcaatgag	ccnagantag	cgctactacc	660
actncancct	tgggtgacag	cgtgagaacc	tgtctcaaaa	aataaaaaaa	gaaaagagaa	720
aaaggaaaaa	aaaaaaaaaa	aaactcnacc	ctctanaact	ataggggagg	cggatttacg	780

tagatccaga catgattaag anacattgat gagtttgggc naaccnct

828

<210> 3965

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3965

ttnattccat	cagctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgagat	60
agtaaattag	tcatagaaag	gcaaactcaa	ataactttga	acacagctct	ttgactatcc	120
acctgtgtgt	aaacaaacaa	aactacaaag	aaatttttga	cttcacttag	ttggtagtga	180
tctggtatag	caattctgaa	aatattttct	gtgtattgta	ggattaaaca	aataagtaaa	240
tataatgata	ttcttgggag	ctgggatcct	cactatgaga	gaagaaagat	aaaaatatgg	300
agtgaaggaa	ggcaaagaag	agctccatga	attggaatga	gagattccac	agattactta	360
ttaattacaa	agataaaaaa	ggaaccttta	tagtggagaa	acttggaac	ttggtggata	420
acacaacttt	tcgttttttt	ggagacagag	tctcactccc	tcaccagggc	tggctctcaa	480
ctcccgacct	caggcgatcc	acctcaaagt	gctgggatta	caggcatgag	ccctgcgcca	540
ggcctatttt	taaaaatcag	atctctcctt	tgtcccaatg	ttttatcat	ggaaagagac	600
aaatcactca	tattttcttt	ttncagacaa	tactgcttcc	tgtggtgtag	cccaaaagac	660
tcgtcttttn	catgttcagg	taattttatt	tttgggagag	cactgtaatc	atatatcaat	720
cgtatttttna	aagtgacttt	attatttaat	gtcaagaagt	nccttggttn	tgaaagtagt	780
tttttttaat	taaaccgcca	ncagatcnat				810

<210> 3966

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3966

ggnnnccctt	ttgaaacccc	ntaaagctac	ntgntctttt	tgcaggatcc	catcgattcg	60
gaagaaactc	ccatgaagtt	caaaggagca	gcagatatgc	aggggtgcac	tagaaatgaa	120
aatctgacct	tttgtccctc	tcctttttcat	ctctcttttg	tacaggcctt	ctttccttct	180
gtgcaaacag	acccttgtca	tagtcatagt	ccatcacgct	gttaaagtat	ttccagcact	240
gctctatgat	gtgctgtaat	ttcaggaggt	agttttattt	ctacaacatg	ttgctctgta	300
gcacgtgtat	ttcactactg	agtggtagtt	ctaattggaca	tattcttaac	aaaatagtcc	360
cagcattaca	gaatactagg	ttagaatata	tacccaaata	aataaaatgt	tacagacaca	420
gtccaagctc	gttctctcct	gacttncttt	ctcccgctac	agaggaaaaat	taccccgaaat	480
tggcacatct	cattcctatg	cactcttggt	aaaaataact	tatagtttgc	ttctgaattt	540
atagaaatgg	gcactataat	ccatatgtct	tttgaatctt	tatacatttg	atttggagaa	600
agtattttatg	tttgatgcca	tgtggcttta	ggncattttat	tttaattttg	gttatttttt	660
tgagatgaaa	gtctcggtct	ggcaccaggt	ctnggagtgc	aaatgggcac	atgggaacct	720
ttgnccctcn	tgggggttcna	agcaanttct	ggtcttcata	cctgtaantc	ccancacctt	780
ttaaagaagg	cccnanggcg	nggggaaggg	atcaatttgn	gcccccttgg	aattttggag	840
gaccnagccc	tgggggct					857

<210> 3967

<211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (814)
 <223> n = A,T,C or G

<400> 3967

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cttagtttcc	tcacagaaa	agtggtaagg	atgataaagt	agttcataaa	cattcattga	180
gcactaagta	tttgcaagat	actggaggta	taaagatgaa	taaaacactg	ttcatgtctt	240
tgaagacttc	ctagtcaagt	ggtgaaatta	aacataaaaa	caggacattt	taatattacg	300
tgcaaagcac	atagtgggca	atgtgttggg	ttgaagaagg	atttttgagg	aagtgggaagc	360
tgaactgcag	tttgtagaat	aagtaagagt	ttagtcaggc	aaagcagata	gacaagggtca	420
ttttgggtgg	agcgattaat	ataggcaaag	tcatgcaatc	atgaaatagc	atgatatgta	480
tgtgaaataa	gagtactttt	gcattgtagg	ggcattaaac	aggtgagcag	tcactggaga	540
tgagattgga	atggtgggca	gggcctaagt	ccctgagctg	caatgtcatt	gaagctgagg	600
acattgagaa	tttaaagaga	tagagtga	ctgnngcctt	tgctcataac	tctcattttg	660
aaagactaat	gtgtgacatn	ccacatttta	ggggtaggaa	ggcntactgg	aaggattaac	720
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aattaattga	atgtggcctg	ggaaggatca	at			814

<210> 3968
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (825)
 <223> n = A,T,C or G

<400> 3968

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ggaaaagtaa	agagatcaaa	atgattttat	atgtattttt	tttgtactca	gagaattaca	120
ttttcactac	ccccgcctgt	ctcagggaat	agcctttgat	aagaatccca	tggagatctc	180
tggaaactcta	ttacagtgtg	ttcagatttg	ttagttcata	tgtaaatttc	agagctagag	240
cttcaaaact	agagtattgt	aatctcagga	acataagatt	atccaagaag	cctgaacctt	300
gctcttttca	tgataaatga	catccaaatt	tcctttgtct	aggagataag	catagatccc	360
ttttatcatg	cttctctgag	attttcacag	aacaaccctg	caatttgatt	ttgtttgata	420
attttgcttt	ttggcttttc	agtgaggact	ctatttttcca	ttggaactga	ctcctttggg	480
gataataagc	tttcaactta	aagaacattc	cattagatag	ttctaacttc	aatgaaccta	540
aaagtggctt	cttaatttga	ataatctgga	taacttttgc	aaatgggtca	aaacagcaca	600
agtattatac	atcaaataaa	aagttcatta	caatatttgt	actcataaag	tcaaaatctg	660
accctgggtc	gctttgtgcc	tctgtcagcc	tacttacagg	ggataaaagg	tncacaccaa	720
gtccagtggg	tgccaangga	gctttgggtta	ttagaaaaga	agcctgggtc	cccctcagtt	780
ctatgccggg	ggggggggggc	ccgggtnggn	ancatggccg	ncatg		825

<210> 3969
 <211> 877
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(877)
 <223> n = A,T,C or G

<400> 3969

ggnctntttaa	acctttgtac	aagcccttgt	nctttttgca	ggatccctcg	attcgaattc	60
ggcacgagggc	aacaaaagca	tacaagatct	tttttnagga	agtggaggag	ctgcagggac	120
cgaccggggag	ctttcccagt	aagcatcagt	tcanaaacia	atttaagtaa	agaaatggaa	180
tctgtaatatga	aagatataaa	aaataccact	cagaagaaat	atagagacta	tagcaagacc	240
ccgggctcac	cagacaatga	ttttctcttt	atgtactctg	ttgctagaac	caatttagaa	300
cttgaattga	ttcatcgagg	aggcaatttg	tggtcagggtg	gtgcaagcac	agctggcaaa	360
aggtcttggt	taaatcagct	gtttcatgta	ttagccttgc	acatgcggct	ttatagcatt	420
gactctgagt	ataatccctg	gagaaagctc	accagtttag	aagagatgaa	tccacagctg	480
ggatatgaag	aacaacagcc	tgagggtcca	attctttatc	atgatgtaca	tcccttttgc	540
tcatccagat	cttaatgatg	ccacaaccct	tacgcaaaag	accactttac	ctgcattgtg	600
aaggtctttt	taccctactg	tacacacagg	ctcttgcagc	actctcaagt	taaaatgcag	660
ccgaagaaaa	taggggtcagc	cctgggaaac	accccgaggag	cctcttcaaa	aaagaagtac	720
cattgtggat	ggccagaaaa	agtctttacc	gaaagtattt	aacttggngg	ccttttgggtg	780
gaataaagggt	ggnaacctat	ttttaaaaag	ggaaaagttt	tttcccntg	gaaggaaang	840
gnaccttcag	gggaatggtg	gccaatnggg	tttaacc			877

<210> 3970
 <211> 912
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(912)
 <223> n = A,T,C or G

<400> 3970

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tcancaatan	gcganncttt	tnnatecngg	cgagagacac	gccaataggg	ggnatttaga	120
nacgtggggc	tccannnatt	ttctctgggg	acaagctcat	tccttcctca	ttttctcaga	180
actttggtgt	taacagccng	ttgcctaatt	tgtaggggct	gactttgact	nagcagatgc	240
cttctgnaga	tggaggaaat	aacgacccag	cnccttttaa	ttcacccaag	ctgaaaccaa	300
atgcgaacc	ngagcagcct	ggattcattg	acgagccagc	accantgaac	ccacccaaac	360
caaagccaaa	tccaaaaccc	caagccggcc	tgaattccac	cgggggatga	cttttgatct	420
ccacagangg	nntcttcatg	gggaacnaaa	aacaggggan	gntgcactcg	attnctggaa	480
gtgggtatgcn	tcaggagcna	ccgtgnantg	tantncancc	cactcntcaa	atncataaac	540
tntgggagan	tccttcaatt	cactgggcaa	anccntatgc	cntaanngct	anncnctgan	600
gggaggctcn	tncantgcaa	aaanccaaan	atccaacctn	gggaagaatt	caagtcaaag	660
acccaanaag	gaggccnggc	aatcaagnct	ccttggncac	cgaatcnttn	acangncann	720
gcttaccng	gganggcacc	ntatggcnga	anctctgtgg	ggggcaaacc	ctcgtgggga	780
cctnccntgg	nttccccagg	gggtgcncac	anatattang	cacctnantn	ntttanctgc	840
ccantgnngc	tntnttatgg	aanaaaagna	aatcaaaaaca	tgnggganag	ggaaacccan	900
naaaaaaaaa	cc					912

<210> 3971
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 3971
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 agtgagattg ttccacagca tgtatattat aaaacaaata ttaggcagat agcttataat 180
 gactttttta tattttattta ttcattttatt ttataataag cagacattgg gacaagaaac 240
 ttctgaaaat attttatagtt ctctgaaaga aggtgtcttc ccttccttct gggagttaag 300
 gaatgttttg acaaggaaga aagatgggtg aataagagtg tattgtatta ataactaaca 360
 ttaattgaat atagaatatg tactaggggc tgtaaaaagc tctttatatt ggattatggg 420
 atttaatcct caaccttatg agcctgatgc tattaatgcc tctattttat aaatgaagaa 480
 attatgtcac agaagggtta ataatattatt caagggcaac ttgccaaagt agcattaaac 540
 cccagagtg atcctctccc tangtgcaga gcaaagttnc aaggggcttg gtatgcacca 600
 gtctcagatg attctattgn ggggtggctgc cagaatcaag cttgctgtga aaactgat 660
 tggaagaaaa aatagtcccc accagctatn gctatnggtg cctgtgcatg aacctgagaa 720
 gaaagccaag ccgcntaaa agatgtagag tccaaacctt ttgctgcagc ttcntggaa 780
 tacgggcatn tgcacccaaa acatggntta aggggg 816

<210> 3972
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 3972
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 tgaagacaac gcaaaacttca aatgctcctg atgtaaatga tgcaattgtg aaactattca 180
 atgattttga tgtaaggaa acctcccatc atttagtgat ttctcatcta gatctacaca 240
 tatgtgatga cattcatgct aaagaaaaag agtcaaacag acgtattact ggaggggcaa 300
 tgcaactctc ttttacacag ctaactatag attattatcc ttatcataaa gcaggagata 360
 gttgtaatca ttggatgtat tttagtgtat caaccaaacc aaaaaatgga tgggccaatg 420
 agttattgca tgaatttgag tgcaacgttg aaatgcttaa acaggctgtg aaggatcata 480
 atgtangttc acctcctaaa tcccaaacac atgcctnttc ccagcacaca caaacagaga 540
 aggactccct ctgaaaggga catgcagaac accttcagta ttatctcaac aatcaaaaagc 600
 taagctaatt tctagtcttg gtgtgggtag acttgcatg ttcaatatat ccaggtctt 660
 ntacagcngg acaatgtcgn tctttcccc aaaaaccatg atttgctgca ataaaaaatn 720
 cctttntntt tccacaagaa aaggtcagct gtctttttta gaattcacca gaatntttcc 780
 tattccaaat gggaaaggat ttttccaant tccatct 816

<210> 3973
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3973

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tttcccagcg	aatagaattt	actgctccaa	aaagctttt	tggcataaat	cacaatactt	180
acagaaatat	aattgtatca	ttgaaaaaaa	caaagctcac	cttcctaata	atacatttca	240
caaactgcac	attagggcaa	tttcttactt	atgaggaggt	caaagaaata	ctctgtcaat	300
atagtataac	tgcttatttc	aaattgtatc	taggaatgaa	taactactat	tatttaaagt	360
actactgaat	tttgaggaac	tgatcaaaga	attagtatta	ttaataaaat	tgtactat	420
gcaatatatt	tgcttggca	caaatgcaga	gttaaaaaca	taaaattata	aaaaaaaata	480
atagtgattg	gttgttacta	ctttaaaatc	ctactaattt	ccattagcac	taaatcaaac	540
agcacttatt	tggtgtatac	aagtaaaatt	ttgaaagact	cngacacaaa	atgaaangct	600
ttttaaaaat	gtctttgcc	taacanggta	tatgaccctt	tgctaattgg	tatatttcct	660
tangggcact	ttgaggctct	ttcaaaagac	atctgcgcaa	ttagggtcta	aattagaagt	720
agaaatattt	tggcngatnt	ttactatntc	acaaaaaggc	ctacctactg	gnntttataat	780
aaaanccaat	tctcaagtnt	tctn				804

<210> 3974

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3974

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gttcagtcac	agccctcagc	tatcttccct	ccggccactg	ggctacctct	ccttcagtc	120
cagaagacaa	gtctcaccaa	cccagggagt	caaggaccag	caaaccaaag	tggaataatg	180
actttttcat	tcctgttttt	cttggcagga	gagaagcaag	gccactaaaa	gaggagatgg	240
tgagagacgga	ggctcagcag	tggtcttgag	gggtaaagga	cttagatgcc	cagatgaaga	300
gggaaagctg	acatctgcag	ggaacccact	ttgaggctga	ggccatggca	ggacagctgc	360
tgtgggggtgc	agaggcagaa	gatgaaattc	ttagtgatcc	agaggttctt	gcagccatgc	420
aggatccaga	agttatgggtg	gctttccagg	atgtggctca	gaaccagca	aatatgtcaa	480
aataccagag	caacccaaag	gttatgaatc	tcatcagtaa	attgtcagcc	aaatttggan	540
gtcaagcgta	atgtccttct	gataaataaa	gcccttgctg	aaggaaaagc	acctagatca	600
ccttatggat	gtcgcaataa	tacaaaccag	tgtacctctg	ccttntatca	aganacttgg	660
gtgctttgaa	nataatcctc	cccttttccc	caaatgcagc	tgaacattta	cagtgggttg	720
ccttagggat	tcattcaata	tgtttctctac	taggaatcca	actttaacat	ttttaatctc	780
aaatattat						789

<210> 3975

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 3975

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tggtgcttaga	agatggggct	gagtagggag	agaggggtgct	gcctgggagc	tgagccatac	120
aagtgactgc	acaggttgac	atggaggatt	aggtggagtg	aggcttccaa	gcagggaggg	180

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gaatgatggt ggggccc aaa tgaggagcca catcgaagta gatgagagaa tagaagggtga 240
agtaagggct ggcgttgggt agggggagac gccagcagtg atgctgatgc ccaggctgta 300
ggtgtatagg tgccatccac ctggttaaaga gagagctgta gcgcaggaat gaggttgcac 360
atgtagaaga agggaaggat acaggggaga gaagtgtctt ctagtcctaa aaaacagcct 420
gtgggctggc atggtggaac aaacctgtaa gtcccaacac ttcgggaggt caaggtaaga 480
ggatcatctg cttgaccag gagttcaaga acagcctagg caacatagta agatcccatn 540
cctacagaaa aattaagaaa ttagcccgga tgtcgtggca cacaccttgt tgtctcanct 600
tacttgggga ggcccgatct tttggagccc cnggggaagg caaagtcttc caatgaccnc 660
cattgatctt tgcccacttg gactttttaa ccctggggcc aacttgacnt gnccaacccat 720
tgtnttttna aaaaaaaaaa aannnnnnnn naacttcgaa gcccttttta aaaacttttt 780
agtnaggttc cttattttacc cttanatncc caacccttgg ttnaggatcc catttgattg 840
aattttggga ncaaaacccc caacntttgg a 871

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<210> 3976

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3976

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gcacgaggcc taaagtaact gaagatccat ctnttcgtat acgtgcaagt cacaagggat 120
gogatggctt ggcttgggct cagaggcctg acactagtta ttataaaatg tactttcagc 180
agtcttctgg gacttgacta ccttgtggat tgtactagaa atgtcaggta tggtgactgc 240
tctgcccacc actctaaatg aaactgtccc cccacagtct ctggtgccc ggtgtcctat 300
gtccctcgtc acagctgaat ggaccaaggc agatgtgcta tcaaggacag ccaatcacia 360
gtgagcagta atctctgata tgctttgggt caaaaagctg agttgagtca acagttatct 420
aaatttgtgt gcagtcactt ccgtttgcgt ggggaatggcg tggtagaggga agattgatat 480
aagttacctc atatctgggt tacatggata tatatcctac agttgcttaa aatacatctc 540
angattcttt ggtttgcagc atgtgttttg gaaaggacag ggagaggaaa ttaagaagtg 600
gagtgaatc caaggaccct tcacctgcc aaaaagtgac gggcttcttg tgtcaancag 660
gtgacagctg gcaaggcttt gccctgangg tcgacagaca aaacaagcan tgcacatagg 720
gaagacacaa gcaaagggtg agctcnttgc catatanagc tgcattgnaaa agcttaacn 779

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<210> 3977

<211> 1005

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1005)

<223> n = A,T,C or G

<400> 3977

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tacttttctn catcttcaag caggggtgtg tcttcaagca tgcattgtctg tgnnttgatt 120
cggaattgat aagttataat agaagcatga gctgctggga aaatataacct cctgatttgt 180
gtggntttat ttgttcatct tgcaggtttt gagtagtttt tggtaggatgt gttgggagat 240
ttnaatgtta cttanctggg attatctcta ctactttggg ggtcaatatt gaattttttc 300
actgaatccc agcccaacac tntntttttt tttggcncta attnctnctga aaaaaaatgg 360
ngtttggtt taagaataaa gangaaaagt nntgggtttt ttagccaggg ttcttgtcct 420

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ancaggaaaa aggccttttg ttccttaaga aaccccatan ccaatttggg gaaattttta 480
aaatttnaaa tncaaaaagg ccctttatat ttattgggaa aaccatcctt ggccttaata 540
attnaattcc nggcnaaatc ctgggaaaat gggaaaaagt ttaggaattg gaaaaaaaaa 600
aaaagnaccc nccgggntnc ccaaccaa ataaataccc ccncccaaa aaaaccangg 660
ccatagaccc cacctctggn aaatttcnaa aangggggcc tttaattaat aanggggggg 720
naaaaaanat ttttcagncc ctnttgaaa cccntttggg ggngggcccg natttaccng 780
tnanaaatnc cccancctt ggaattaagg aatncatttn ggggtgganan ttngggacca 840
aaaccccnna acttnggaaa tgccaaagg gnaaaaaaaaa angcctttaa ttngngnaa 900
aaattggggg agnccaattg gctttaattt gggnaacctt ttataaagcc cgcanttaaa 960
acaagggttaa cncncccccc aatngccatt ccatttaaag gntcc 1005

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<210> 3978

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3978

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ttgcaggatc ccatcgattc gaattcggca cgagatataa aagcgttttag aanaagaagc 120
aaaagagacc cgcacattcc acccaggag ggcattggaga aagaacagtg agtgggaagga 180
aaacaggtct gtgctgcctc aagcatagag gtctttctat ggcaggcacc cggggcagcc 240
aaaaggacac tgtccacagc caggccagag tctanctgtn acacacatan gcagggtgtgt 300
tgcatacctc aagcatgctg tcacgagttg tnatacttaa gngaatttgt ttttttacag 360
naacaaccta tagttccatt taaaaaggga tngttattta attttaatta aaacatatag 420
tagntgtttt ctcacttttg tttatgtatc cattttcaac agctttgttg aggtgttgtt 480
tacacacctt caaattcact ngttttaagc atacaatnta ataattttta gtaaattcag 540
aattgcgcaa acatcacaa ctantaatag aaattttctt tcaactccaa agaaacctgt 600
gctctattta gcaactccct gttcccgcgc agtaagccca tatgtgggca aaagttgact 660
ganacttggt atttttaatt gaaatatcac aaaacttatt gcattttttt tttagagcgg 720
agtcttgctc tgtcgncccc agntgngggg aaggggctnc ntnccccnnn ctngngnnnn 780
ggnggncnt 790

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<210> 3979

<211> 462

<212> DNA

<213> Homo sapiens

<400> 3979

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taacatcagc tcttgttctt tttgcaggat cctcgattc gaattcggca cgagcctaga 60
cacctcgat tggggaaagt cttaagtggg tggagcccat gacatttggg tatgatgact 120
agattttttg tacagctgag cctcaataaa ctcatgcgta cacttgtgag aactcaaatc 180
agaaatgggc acagaaactg gattacattt ctgtgctctg aaatcccaca gagttcataa 240
aaatacacat gtatacacia aagcaacaaa tgtaagttac attttattat ggaaattgat 300
attagtgaat ttgacagctt tctatgggta aagattatcc tgtaggtgag ccaagggtct 360
ctgtttttct gatttctctt attcattccc tataatttca gcattttcgt tctcattgac 420
ttaatatcc tgagggtatt attgtgaatg tctttgttta tg 462

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<210> 3980

<211> 475

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 3980
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 tcttttaaaga aagcatccac agttttctgtg ccattttcatt gacaggtttt attttaaagt 120
 gtagaccatc caacagaggg atagggagct gcagcgggtg gctgcttaga ctcaaaaaga 180
 gaantctcgc tgactcatgc aggttgaggt tttgtctcat tcccaggaat gcttggaactc 240
 ccagaggcag tgaagccaca catttttagca gaattacctc agcagtgtgg tgcattgatca 300
 tgaacttcaa gtttacctac aaggaagatt tcattgtcct tctgtcacta gccaaacact 360
 tcacagccta nactcctgga ctacataaag gccatacaa aagtgtttgt gtgcatttgt 420
 gtatgtgtga gtgtgtgtgt ttgcagtggg agaggacact tatctttgct ctccc 475

<210> 3981
 <211> 460
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 3981
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 tgcagtgagc agagatcgca ccactgcact ccagcctggg tgacagagcg agactcctct 120
 cgaaacaaac acaaaaaaaaaa gtttcaaaga cagaaagtgg aagttacaag gctttttaag 180
 gccttatctt ggaagtcaca gcancattta ttttgcattc cattgggtcaa actcaagtcc 240
 taacaggcct aaggggggtca agtaaaaggt gggactcaca ggaagttcca tatacattac 300
 agcttcactt gcagtacaga ggggaaggga aatcctactg ggacagaacc tcaagtagca 360
 tacctggttg tatattgtgc ctggaagaaa agatggccag aagtatagat ctatagatgg 420
 atggtgattg atggatggtt tgactggatg gtcagggtt 460

<210> 3982
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 3982
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 gcatttgctc gttttgttca acttttcctt ccttctctgc ctgccaaaga aactgtaata 120
 actgtaataa ttnttatgac tttctcttca atgacagtna tcttccttta ccctaattcc 180
 ttccctcctc atccttcaaa tccccttcct catcattcaa agnctaactc aagctagcct 240
 ttctcctta ttttcccctt atctttccaa tccgtatgga gatttctcac ctttccgtnt 300
 ngagggtgcg ccagaatggc gaggattaaa ttgtaattgc tntntaatag actgntgtgt 360
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 tcctttatgg annntnnac atcngaaggn cnnnanttat ttg 463

<210> 3983

<211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (457)
 <223> n = A,T,C or G

<400> 3983
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 gtcagggtc tctcatgagg ttccagttat gatgttggtc tgtactgtgt cgtctgaagc 120
 ctggctggct gaagcatctg ctccaactc actcatgtgg ccatttccca gagcccagtc 180
 cttactggct ttttgccagg gaggccttaa tttcttacat atgggcctct ccatagggca 240
 gcatgcactt tgcagctggt ctnccttaca gtgaatgatc caagagagta tgagagagtg 300
 tgccacaatg gaagccaggc atctgttata acctcatctt agaaatgata taacatcact 360
 ctgccatatt ttgtcagttg cacagacccc tggtagagtg tgggangtga caacacagga 420
 tattaatacc aggangcagg aatcattggg accgtct 457

<210> 3984
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3984
 ttccatttag ctacttggtc tttttgcagg atcccatcga ttcgctacga tgacccctc 60
 ttcaggctgc catttggtag agggnnaggg agtggctagc catcgagtna gaccatgctt 120
 tgcaccacc atcagcaagg ctcaagatag tgccctggcg gtcagaata agccttcctt 180
 tctgcaggga tctcatctcc atctgtggga accaggtntg aggctctgaa cagntcctgc 240
 tctggcaaga cacctccaca tctttctccc tcaaacattc atagcctctc tgccatttta 300
 tgcttctggt acaccagaaa taatatcaca atgccctgca tctactgacct ggctggataa 360
 ttctttttca atatgtcctn cttgcangca naagatcttg ccanaagact gagaaccag 420
 ncttccaaga tggccacagc tgcaccaaag atcacaangt aattg 465

<210> 3985
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (463)
 <223> n = A,T,C or G

<400> 3985
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 agttcccata tacagggtgca nggcatgctt catttaccat tgaatttgat gacagtaccc 180
 catggaaggc nactattaga gaccatgtga canagtttac ttctgatcan cgccacnagt 240
 ccaanaagnc ttctcctgga actcaagact tgctggggat tcaaacanga atgatggcac 300
 ccgaanacaa anttntctgac tggctagcac aaaacaaccc tcctcaaatg ctatgggaaa 360

gaacagaana tgattctaaa ngcattaataa gtgatgttnc agtgtacttg aaaagggtga 420
aaggaaatna acatgatgat ggtacgcaaa gtgattcana gac 463

<210> 3986

<211> 464

<212> DNA

<213> Homo sapiens

<400> 3986

cgtcattcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg caccgagatca 60
tctagaatcc cagcagtttc cttaagtgtc ctactgtcaa ttttccattt ctctcgtcca 120
aattcacatg gagacatcat ttttacacac ttgtaataca ttgtaggcgg agtctggggg 180
tcctagcact tcccctaaca tcatctcatg atacttagac ttttaaagaa cccttgagta 240
ggcctgtga taaaggatgt tagtgaaaaa aataatgaga aacagggact tggcttagag 300
aaagaagcct gcgtcagatc agtaggcccc cctggggctg tggaagcatg cagaagggtcc 360
cttaggaagt gatgttgga atggccttgg gccagccacg ttatttctct ggacctcagg 420
tcacccatct ctgaaatggg agcattgaac tggctgatcc ctga 464

<210> 3987

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (458)

<223> n = A,T,C or G

<400> 3987

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ggaaaaaact caagagtgan aactaagtgg tgtgtgaaaa tgctattgtg cctgggtggg 120
tgaagtcatt aaatcagaga gccaaaantn cctancagag tggancgaaa aangaccggn 180
cagacagtgn gaataatata tcatctgatg aaaancaact catatgatgc ttgtaaatgt 240
ggaaactata actntccctg gaggggtata nagatgagtt caattaggag ggaaactgag 300
tgacaggagg acaaaattgg aaggggagatt tttactgtat aactttgtat cttttaaatt 360
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ccatangata taactattgg ttaaaaccat cttgtctn 458

<210> 3988

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (457)

<223> n = A,T,C or G

<400> 3988

gnaanncctt tncccnnnnn ttttgcagga tcccatcgat tcgaattcgg caccaggcaa 60
tatgtagttt gccataaaan gaatgcatgt cttattcttt tccatagttc ttcattaatg 120
agacttgtag ccaagaatag aattggaaga tnccatctcc tggggtagtc aaaaaaatc 180
tccttgggta atactggaan canctaattt tcctaatttg gttggtccct cttaataata 240
aaatnctatg ggaatnactc tttagtagtt ggcctgggtg gaagctctgg gaggagcaaa 300
gcancctctc caggtgactg gctgactttc cacctgaagg agtattactg caagaattac 360
aaagcaggta ggactctggc ttttgatgag caaatggntg aaaagtgcct ccttcccagt 420

cttccttttg ccttcatttt agtttaaagc ttgaagt

457

<210> 3989

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (471)

<223> n = A,T,C or G

<400> 3989

aagnnacttn	tttgaaaccc	ccngntcttt	ttgcaggatc	ccatcgattc	gggcacatct	60
tctactagct	aacttggtcc	tttttttttna	aaaaataaaa	cccttgcgta	gttctccctc	120
aggggatgcc	taggattttg	gatgagaacg	tattggctca	atgtgagtgg	ggcagtggca	180
ggcatccatt	tcccttcccc	ccattctgnc	acaggtgccc	atctgcctgg	cagtanaatc	240
cantgctcat	gttggtgact	ccagagcccc	ttccttgctg	gtgcctgcct	gangcattgg	300
tgtatgtggc	gtcctgggaa	ggggatttta	gttnaatgaa	tgatacgtac	ctcttgcttt	360
cctgggntnt	gcgagcttta	atcccttgat	ngtctgntgg	gaggcttgan	agacanaactg	420
ggaactgtgt	nagaaagcat	gactcgtatn	ncgattgnan	ngaaatnanc	t	471

<210> 3990

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (466)

<223> n = A,T,C or G

<400> 3990

tgnttngant	cagctcttgt	tcttttttgca	ggatcccatc	cgattcggaa	taagtgaatt	60
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gggtaacaca	ttgatgctac	agacagaaca	cctaacatac	ttctggagtt	ctgtaagatt	180
agaggagaga	aaatagagca	agagaaatgt	tgcaaggatt	tttccaaaag	gtataaaatg	240
tatccctgaa	tatatatttta	gtaatctcaa	cttcaggcat	gataactaaa	accaaattaa	300
cataaaaataa	tacaggacgc	aaaagaccaa	tagaaaatct	gaaaagtagc	tagaggtaga	360
agatagagta	tgttgaaaag	aactgtattc	taaatacaac	ctgattttta	cagaaaacat	420
ggaagcagga	attcaatgga	ttaatgggaa	tcatgtcttc	aatgtg		466

<210> 3991

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3991

ggngnntnnn	ccctttgaan	cccttaatac	aagctacttg	ttctttttgc	aggatcccat	60
cgattcgaca	gggtagtgca	tgtgacggtg	tccaagacgc	acagcagatt	ttcatccaca	120
aaaaaatctg	accacaagag	ctaaacggaa	ataccttccg	ctgtccttcc	caagtcacag	180

agcaaacacc	tcagttccca	ggggtccgca	tcagttctgg	tggaggcggt	gactgtgagc	240
gtgaccagct	gggctaattc	gtcctgacat	ttagttggga	cagctatagt	ttcctacctc	300
tatgaccaga	gagtgaagcg	tttctactgaa	gaactgtggc	cggcgtctcc	aggaaaggaa	360
ggagcctcgc	tttctccagg	gcaggggcag	cgtggggcgg	ggcaggccgg	gtgtgtctgt	420
ggggagtggg	cgcggtgctca	cactctttaa	gctgcgactg	cttccttttag	gacagaatga	480
agttcttcga	ggaggccgat	gaagacagaa	tatggataag	gccaaacctc	cacaaaatcc	540
ttctacatct	tcatatcaaa	acatgtttaa	cataaacctn	caaataacct	cagggatata	600
agcacagggc	ttnctaaaca	ggcgggatat	gcaacctcgt	tctatcccan	gccacacacg	660
aaagtgttgg	gggaatcact	gaaggaagga	ngagaaagaa	ctcagaagaa	ccataagaga	720
gcaagacatg	gacaggaaac	caatggccca	cgccccgcan	gaagacttaa	aactncag	778

<210> 3992

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (905)

<223> n = A,T,C or G

<400> 3992

ttattccatc	aagctcttgt	tcttttttgc	ggatcccatc	gattgccttc	catgttatta	60
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tatacttatt	taaaagctct	tattttgtgg	tcattaaaat	ggcaatttat	gtgcagcact	180
ttattgcagc	aggaagcagg	tgtgggttgg	ttgtaaagct	ctttgctaata	cttaaaaagt	240
aatgggtgat	ttaaaaagaa	aaaaggaaaa	aatcttttgg	ctgaatatgt	tcattgcttg	300
tattttttaa	acaacagaat	ttccagtatg	aaacaggctg	aaagagcagg	aagaaatgtt	360
ctttgtataa	taatgggaag	tttggaatat	aaaagtttat	atattattta	tctattggag	420
aactgggtgta	caggaggaac	attttcttac	tgtgttgcctg	ttttccatca	tgtgttatcc	480
taagagttgg	ggttttttaa	aatctgtttc	accaggggaa	aataaaagca	tccctaattgt	540
tcttcctcta	aaaaacccan	nnnaannnnn	nnnnnnnnnn	nnnnnnnnnn	ncctcggaga	600
gagaaaaana	cctttctccg	agccctntan	aacctatagg	ggagtccgtn	ttaccgtaga	660
atccccnacn	ttgaataaag	aatnccattt	gggttgaagt	tttngggacc	aaaaccccc	720
aaacntnnga	aattgccnnn	tggaaaaaaa	aatgcctttt	ttnttttggg	ggnaaaaatt	780
ttgggggaaa	ggcctttttt	ggctttttan	ttttgngaaa	nccccctttt	ttaaagcctg	840
gccnaattaa	aacccaaggt	tttaacccaa	nccaanccca	atttggccnt	tttccanttt	900
tttnt						905

<210> 3993

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3993

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ttttataata	agtcaccaca	gtattacact	ataactacgt	tataagtgc	atagatatgg	180
gtncataaaa	taaaaatagt	tgaggagaaa	aaaccttttag	accattcatt	ataacgtgcc	240
anactgataa	ggggaaaacc	ccccatgtca	catgagagaa	ataaaaacca	ctgccatttc	300
tctgtgcctg	ggtaactgag	ttgattgtat	tcaccagaag	gttcttgttc	tgccttttag	360

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acctgcctgg gtcatttccc tgttcacacc ccagtgacta agctgaagag atttatcatg 420
atgcctgctc ttttctgttg gccttggtca cttccatgtg catgagcacc tccatccaaa 480
agtggccttc ttctctagcc ccgatgggat gtcagtngcc catgtttcta atagaagacc 540
catgccaaaag ccactttgac aactctccac tcgcaagaat gctgtcggcc tntagctaaa 600
ctgttatggg cactcaacg ctgtacactg tgtggccact ttccttcgcg tttctgtcat 660
tgcagggang ttgtaaggca acaccangg ggcttgacct cttcaaggac tttgccagca 720
ncaaaaaccc aancttgggt acaccctggc ttaaaaaccc acanccccag caanttnena 780
gctttnaatg 790

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<210> 3994

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(898)

<223> n = A,T,C or G

<400> 3994

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tttaattnca atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gaggacactt tcattgttgt gccagctggg tgaaattaaa actctgatat tacttttttt 120
gaggattttt atttttgttt ttgcttaaac atatagtttg tctagaagtt taaaaagcta 180
aaagttaaaa atggtgtaat tatgaaaatc taacactcaa gatagtttct aaaaggaaat 240
cagtagttaa ggatacctga tttcaaaata tttaaagcat aacctaactg atggtaggat 300
gattgtatct tgaatatgtg gtagggccac atctattgta ggaaaacctt gcttttatca 360
tctgtgtgta aagggtctta taaggagaag aggccttttg actgatttgt gagtataaat 420
gcatttgctg tttcatttca aaaatgttgt ggaggaaaag agtacattta acttgtataa 480
gagaatatat gtactcctgt ccaggctgca ggacctttct tcgagagctt tgcacacttg 540
acttgaacca cattttctga tccctttact ttgttttaga agcaccactg aaaaatctcg 600
ttgttttaaa gtncaatttg taaatatattc aaaaaanann aatnnnttnn nnnnnnctcg 660
gagcctctnn aaccttttag ggagtcctga tttaccgtag natcccnaaa ccatggatta 720
agaataccat ttgggttgga agttttnggg ccaaaacccn caaaccttg gaaatgcct 780
ngggaaaaaa aaaaaaggcc ttttaatttt tngggggaaa aaattttggg ggaatggcct 840
attttggtct ttttaanttt tgggttaaac ccccttttnt ntaagggcct gngcnaan 898

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<210> 3995

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3995

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cgagaatgga tgaatttttg tttgggttga agaattctct tgagaagttg acacgtgggg 120
gcaatgggtt gtttctcttg tatttctgaa gttgcaaata atcatgtaag cagttcaacc 180
aggagtttac accaaacttt taataggcga tatatcatta ttttttttcc cattggtttg 240
gataacatcc actttaactg gcagttagtc atacttagct atttttgtta aagcagggtga 300
tttattgtta ttttatattt atgacatgat taataagtga atatggaaga ttttacattg 360
acttagggga tcaaagtttt cattatatta acacctttaa ttgccatgag ttttctattt 420
ctagcatgca tattttgtgt tcattcaagt gaagaaaaca gtcttttgtg ttctcaggta 480
ctgcataagc cgaccacagt ataagacttc ttgtggcatc tcttcattaa tttcttgttg 540

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gaattttctta	tacagcacaa	tgggagctgg	aaaccttccc	ctattaccca	agaagaagct	600
ttacatatte	tgggctttca	acctccattt	gaagatatta	aggtttggtc	ctttcacggg	660
gaatcaacac	ttatgangnt	ggtttaagac	aaattaaatg	acccctttcc	atgtnaaaaa	720
ggatgctctt	atggttctat	attaaaccct	cattggggaa	gaataaaaac	caccagggag	780
aaaacctgct	tcanggggnc	cctgtcnaaa	gttaaccccg	ngggtttggg	aan	833

<210> 3996

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3996

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cccaaagtgc	tgggactaca	ggcatgagcc	actgtgcccg	gcctgttatt	gttgtgttgt	180
cctgctttta	tgggtgcttct	ttttctttat	ttgtaatagt	ttccccctcc	actcccactg	240
ttttcttaac	atggagaaac	ttttttttta	attgttccca	gtgaatgctg	tctcttccca	300
tgttgactcc	attcacttgc	catgaattga	cttagtgcca	gacctctgtg	ccttcttcat	360
gtaaccagct	caccttagcc	ttcttgtaga	gggettattga	tcttagttgg	attaagttaa	420
caagtttttg	ttcagaaatt	ggaaaatact	agtcaccatt	actttcatct	gtacttgaaa	480
atttcgtctc	tcagacatcc	atcatctcta	ggtgttggtg	acaangcttg	acatctttct	540
aacagttgac	tttggcttct	taaattcctt	gaactaattg	agagttttct	taagcagagc	600
ttanaaggag	tactttgcagc	ccccaaaaca	aangcagggt	tttaaaatta	ttggncatata	660
agtcttttgt	tattccagct	gtcacccaaa	atggggattt	tangcattta	caatcggttaa	720
aaggggcaaaa	ccccaaatta	ggggatggac	aaaatccctc	actggnggat	gactctttaa	780
tgcttaccct	caagactttt	ttaagagtgn	ggattatcaa	ccagngactt	cattggcn	838

<210> 3997

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3997

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tcggtaaaaa	ccctctgatg	caaaaaaaag	tattaacttt	cacaagctgt	ttgtactcaa	120
atacattttc	tcagttttcag	atcctctgct	gtttttattga	gtggaaagtt	gagctaaaac	180
ggttcaagaa	gaataatgtt	gcatttcctt	atgtctcagg	aaacactttt	tatggtaact	240
tgtcagattg	tctatgaaca	aaccttctt	tttagacatt	gataaagtct	tcttttcttc	300
acgtgatatt	ttatacaaga	gcacttcaga	tgtattagat	gtgactgatt	ttaacaaatc	360
ctatttagatt	tgtatcaact	agttacatgt	tctattcaca	gtcttttgtg	aatcattgcc	420
tttttgtttg	aaaagatggc	ctcttttgag	cctttgtttg	gatacattcc	tgtttttgtg	480
acaaaagaaa	aacttttaaaa	ttgtcccaag	cagaaaaata	atggctatca	gaagtatggt	540
ttgtttcagt	gtgagttact	gttactgtat	ttgtttattg	taaacgtaga	catttagcat	600
tcactgcagt	tttcaataaaa	aagtaattaa	aatttggtga	gttctgaaat	tcaagtacat	660
ctcactaatg	taaaagttct	ctacttgaga	tgtttaaggc	aagtgcgttg	tcaattacca	720
atttccaact	cttgttctac	agggtctatc	tgctatttca	taccagactc	aagaatg	777

<210> 3998
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3998

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atgcagtggc	agtgaccttt	tctgagcggc	tactgggaaa	tttctcatta	gcagttccga	180
tctttgttgc	cctctcctgc	tttggtctca	tgaacgggtg	tgtgtttgct	gtctccaggt	240
tattctatgt	tgcgtctcga	gagggtcacc	ttccagaaat	cctctccatg	attcatgtcc	300
gcaagcacac	tcctctacca	gctgttattg	ttttgcaccc	tttgacaatg	ataatgctct	360
tctctggaga	cctcgacagt	cttttgaatt	tcctcagttt	tgccagggtg	ctttttattg	420
ggctggcagt	tgctgggctg	atztatcttc	gatacaaatg	cccagatatg	catcgtcctt	480
tcaagggtgcc	actgttcac	ccactttgtt	ttccttcaca	tgccctctca	tggttgccct	540
ttccctctat	tcggacccat	ttagtacang	gattggcttc	gtcatcactc	tgactggagt	600
ccctgcgtat	tatctcttta	ttatatggga	caagaaaacc	angtggttta	gaataatgtc	660
agagaaaata	accccgaca	ttacaaataa	tactggaagt	tgcccagaag	aagataatta	720
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<210> 3999
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 3999

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aatagtccta	attggccctg	agttgttaga	gaatgtttgt	gaaccactca	cacagacctt	180
gacagatagg	tttttgtttt	ttgctttttt	gaagtacatg	atatagacag	gaacacagat	240
ttttaaatgg	tagctgttac	taagtgtggg	agagagcttt	gactctggca	gtttgggatg	300
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acactactct	ttggagaata	aagagccagg	tgtgagggtg	gagtgttcta	ngattaggag	420
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tccctttaat	attgggagca	atattaatat	gtttactctt	atcacttgta	tttatcattg	600
nattagangt	cctaacaagt	acaattaggc	aagaaaaaga	aatgtttcca	gnttaacaag	660
aggaaataaa	acttttgttg	tttgacaggtg	gaaatgaaaa	atcctaagga	ctcttgtaga	720
aaaaactntn	tttgaaaatt	nccanaacag	cccaataatn	ttttgatngg	gaaaanaaaa	780
acaanaatgg	gttttattgg	t				801

<210> 4000
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (777)
 <223> n = A,T,C or G

<400> 4000
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 aaagaccata ttttaagtat cttttgtgtc ctagatgcac tgagtaaaan nccagggatg 180
 ccgcagatca taaattngtg ntaatnttca aaaatagact ctaaaattta natttacana 240
 aacattgnaa agatactgna nagtttctgc taccctacac tgtttcccat attattaacg 300
 ncttacatcc ctgtgatcat ttgtctgnat taataaacca gtattgatac attatcacag 360
 agaccatact ttatnaggtt tccacaggnt ttttccttaa tgttctttca ctatcccagg 420
 atcccatnca caataccaca ttacatttag taattatgtc tccttagctc ctcttggttg 480
 tgacaatttc tcagactttc cctgtattta gtgaccttgg cagttttgaa cattactggt 540
 caggttntgt ttgtttggtt ttttgagaca ggatctccct ctgtcaccaa gactggagtg 600
 cagtggaaacg atctcatctc actgcagcct caacactctg gggtaagtg atcctntgac 660
 ctcaatgtcc ggagaanctg ggcccagana tgtgtgccat catgctctct aaaaatacaa 720
 aaaaataacc cggcgtgatg gtggggcctg tatcccagct actcnggagn tgaggga 777

<210> 4001
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (787)
 <223> n = A,T,C or G

<400> 4001
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 ttttttatatt attaccacaa tctgtgaaca aatacaata tctttccagt tagtgcattc 180
 cctcaaattg aacttctggc tgcaaggaaa gctaggaatg attatgggtt tgttagtaag 240
 gaaaattatc aaaatgggat attaggttgg ctactagcag tcttggcctc atgctttcag 300
 taaatagtgt gcacttcaga tcatgtggca ttggagaaag gaagaacatg ttaataatat 360
 aacatgggtt aggtcatgga gtcttgatta ttgtttccta atggtactgt ttgacttcat 420
 aggctacaag acaaatttct tcaagtgtaa atttttcgat tgaagaagac ataaagcctt 480
 tgagaattta ctgtatactc agcactttgc ccgggtgtag gataaggatc aaaatcatga 540
 aagcctaatt tctttcccca gagacttatg aatgtggctg aaaagaaaaa gtacaacaca 600
 tgcaaaataa ttatgaaata atgatgtatg acaggtaatg agagaagga gagatcagtg 660
 tgcatagaatt aatgagaaaa acctcatgga gaaggagcag catagggttag atcttaagga 720
 atgggaaata ttgcagcana tgaaaangac tgccagggtg gggtataata tagtagngga 780
 agaaaaa 787

<210> 4002
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 4002

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tctgactgtg	ttcagtcctt	ttatgatggg	agccctgatg	atgtggaaga	ttttaatccc	240
ctttgttctt	gttatgtgtg	cttttgaagc	agttcagttg	actactcagt	tatcgtcaaa	300
aagccttttt	ctcattgttc	tcgtcatatc	agacattatg	gctttgcatt	ttttcttctt	360
ggtcaaggat	tatggcagct	ggcttgatat	tgggacaagc	atcagccact	atgtgattgt	420
catgtccatg	accatctttt	tgggtgtcct	caatggcctg	gccagctgc	tcacaacgaa	480
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gatggatatg	gatatatagt	atattctact	cctgtaagga	aaatgggtatt	tgggaattccg	660
aattgacagg	ttatctggaa	caaaggagct	tctttttttt	tctangtttt	gcaggcatga	720
aatagtgatt	atatctgtgg	aaaagcatan	gaaggcatte	tcctttttca	tttttttctt	780

<210> 4003

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4003

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tcgttcacaa	atccctaggg	ctcaatgtta	aagtcagcca	ttgtttaagg	cagaaattca	180
ggtttagata	tagtgtagca	aagattttcc	atttatatgag	atatcgatcc	tattaaacat	240
aaaacttttc	tcttggtctt	ctattttact	gtcttttggt	gccatcagct	gtatgccctt	300
taattttttc	tagtaatacc	ttggaattta	aaaatgaaat	tacaaatggt	tatgttttag	360
tgttttttaa	aataattcga	ttaagtatgc	tatgatagag	gagcaaagtt	gttattagta	420
atatcaatgt	gcttacaaat	tatggaaaatg	aaaaatagtc	tttagtccta	gcagcctttc	480
tgctgtagta	aaatagtttg	tgcactttaa	atcgctgtga	ggttacatct	tcaaaggact	540
gagtggcata	agccagggag	gtcttagaaa	tcttacaaaa	ggaaaaaaat	aagaaattat	600
tctcatcat	atgaaaatta	tttactaaca	atgtatgatg	gtttaancct	cttttaaatt	660
cttcactttc	cactcctttt	tgcctctttc	cttttagttg	gactattacc	ggagttacct	720
tacactaatg	ttgangtatt	tgggggttcan	aagaaaaata	ggccaagtaa	anggaaaatt	780
ggaaaatagt	ttccaat					797

<210> 4004

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4004

gnnnnnnnngg	nnnnnnnnnt	ttnnnnnnnt	aatgaaccct	ttgaancccn	tntgaaaanc	60
cntngaaaca	anctacttgt	tcttttttgc	ggatcccatc	gattcgcact	gtggagtcct	120
tgcaagtcag	caggaccagg	gctgtcttcc	tgcaccatct	ggatttggtt	agctctctct	180
gggcagtggg	gccgagtctc	atttcctcca	acaataatgt	tatataggca	atgatcctgg	240

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gctgccctaa cataattgaa aattatgtgt attgtaggct tggagtgtctg aaatgtgggc 300
tcataaaaaat atgtgggtgca ggtagcctat ggagattgga tgtggcacac aatgaacttt 360
atgtaaagta agaactataa gtctccatgt taatattgta ttatgagtat gacagttctt 420
gggtgggtcc tcagggcagg tctgtcacct tcaacaaagc ccgagtttcc taattctaca 480
gagctggtat ttggatgtaa tcaaatecgt tttgcagggtg gccaaagatg aaaacttgtc 540
caccaatcca gctctcccca ctgagggata gcatgggatg tagatgggtt tgactccatt 600
tggcattttt gttcacggnt ttttatgaga tggagagggtg agtgttgggtg ggtgtccatt 660
ttggttggcc tcaaggaaat gactctattg agtggttttg accaatgcac tcatatagtt 720
atgtggtaag tgaaggatgg gggtcctgta cacaaccacc cactagttct nttctccacc 780
aaaaaggaat aaaagttttg ctttcattct caaaaa 816

```

<210> 4005

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4005

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atccccatga ttccaattcg gcacgaggct ggaggctgtc agaaggatgc tgggggtgaa 120
gacacctgg ggtcctgaca accattggga gtgtctgggtg ctcttgggtg agagagaggg 180
ccagttggaa aagcctgcag gccagccct ggggcagaac tgagtgtggc ggggtgctggg 240
cacaggatat tccccaggg gcttagcttc atgcattcag gcttaccttg aggtccaag 300
cttattgggtg gcataagctc tgcagatccc tcacctgcca tcagcctcat ctgaatcttt 360
gtctttcttc agataagccc ttaggcacca gcttagacac ctccaagaac caggccccgc 420
tgatgcaaga tggcagatct gatacccatt agagccccga gaattcctct tctggatccc 480
agtttgcagc aaaccccaca cccagctca cacagcaaaa acaatggaca ggcccagagg 540
gtgaagcaaa cagtgtccct tctggctgtg ttggagcctc ccagtaacc acctatttat 600
tttacctctt tcccaaacct ggagcattta tgcctangct tgtcaagaat ctgttcagtc 660
cctctccttc tcaataaaag catcttcaag cttaaaaaaa aaaaaaaaaa aaactcgagc 720
ctntaaaact atagttagtc gtattacgta gatccaacat gataanaaca ttgatgaatt 780
tggaca 786

```

<210> 4006

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4006

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attcgaccaa catggagaaa ccccgctctc actgaaaata caaaatagcc gggcggtggg 120
gcatgaacta ccacactcgg cagcatatct taaaatgcag ttatttctga aagtttttgg 180
ttttacacaa tttttttttt aggtataaag atgtattgta aggattatgc ttacgtatgg 240
tacagagtat acttcacatt gttcctgtct tttttgtggg ggagggaatg accgaaagca 300
ttgggaatgt taaaggcaaa tgagtaaaaa gaaaactaaa aaacgattac ttcttcaaat 360
aatgaggaaa gcgtttttta aatttttgtc tgttttttaa aagcaagttt catgttagat 420
ttcttaccac actcaattat ttcctaatat aaaatagata taaaatttgg gatttgttac 480

```

tttttatgta	agcatatata	gtccagtcta	aaatgaccaa	cttccaaatg	tgttccagaa	540
aagaatcatg	acattttata	gctgaaaagg	acctaataat	ccagtccttt	taatataaca	600
tatggtaact	gactccttgg	gagtataaaa	ttaattat	aagaaccagg	taagatagta	660
gccagagcct	agaaccaatn	actcagatgc	cccttatcca	ttctaataat	ccacagcatt	720
ttctagaaac	ctcacttaan	gcanttaatg	tgataggggt	tttacctcna	aaatagtcaa	780
ncccccaat	gtagccaaat	acctaaggng	gccttttttg	nttcn		825

<210> 4007

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4007

ttagnnnnng	tttaanccct	tttgaanttt	ttanaanaca	agctacttgt	tcttttttgc	60
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gttcgggact	accccgcctc	ccatggcctg	cccagcgtg	agtgagagcc	agcccaagtt	180
cggccacttc	ctcgagttca	tggatgagtt	ctgccaggag	cccacagcca	gtgactcaca	240
aggctagagc	tgtgcatggg	ggctgtgtgc	accacccggc	ctgtgcccc	notctccccg	300
agggctctgt	gccctggacc	gcacctcaag	ggtgaccagc	cggccacagg	cctcagagct	360
cagctggggc	ccacttgctg	gccacaaggt	ggcatccctc	tgtcaggatc	tccccctcct	420
ggcccaggca	tgacctggtg	cctggcccag	cggcaataaa	gagtgggtgc	acagggcaat	480
agactgggtg	ccacatgcat	tctttcttgg	aaccancca	cagcaacatt	gtcacacttc	540
cctctaaaaa	tggttttcca	gntcagatgc	aacagggata	catttgttct	ctgttgtagt	600
agaaactgac	accaagggga	tcttaacaaa	ttcctgaaca	atggcttcaa	aaaaggatat	660
ttttaaaaac	cagatcttgt	gagtacaagc	cctaattgtc	anggacaggg	tcctcctgta	720
tattcggttct	ttactcaaac	tctttcttgg	ttccttcatt	angaagcatg	aatgggtgaa	780
tgtgaac						787

<210> 4008

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 4008

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atctgatagt	ggcttttatt	ggggcttacg	gtgagacata	tcttgccatt	gaagatgacg	180
tcctccctcc	accatcacag	ttgccctctg	cacgggagcg	caggangaac	aaatggaaag	240
gactagacat	tgatagcagt	cgtncctaag	tagcaccaga	tggtctctct	ctaaaatcta	300
tatccagtgt	aaatgttgat	gagcttagag	tgagaaaatg	aggaacgaat	gcgaagactg	360
aatgaatntc	acaataaacc	tattaatata	gatgatgaga	gttcactggg	tgaccctgat	420
gacatcatga	aacacatagg	ggatgacgga	tcaaaactctg	tagc		464

<210> 4009

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4009

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cctgtagttc	tacagtaaaa	aatgatttta	tataactttt	ggtatataag	tctcaaaaag	180
tgtgagtcag	aagagatgaa	acattatatt	taaaattttc	tatcaaagct	tctaatacaa	240
cgttgctaga	gccatggctt	ggaaataaat	caggaaaaaa	ccctcaaata	cagaatcagt	300
tgtgttaatg	cactagaact	tgcttctctg	tttaaagcca	taattaatca	tttaaagtct	360
ggataaaaac	catgtgtttt	gtcttttaga	aagggtgttg	gtggacttca	aggttttagat	420
ctgtgctgtc	ccatacagca	gccactagtc	actagcgggc	ctggctattg	agcacgtaat	480
atgtggctat	tgagatgtgc	tctaattatc	aaatacacac	caggattcaa	agacctanta	540
caaaaaaaga	atataaaaata	tctcaaaaat	attattgtat	tgattacatt	ttaaattgata	600
atggttggga	catattgggt	taataaaaaca	catctctnaa	taaacttttt	aaaaaaaact	660
tttcaaaatg	catctatgaa	aacattttgaa	antatatatt	atggcttctg	cttacgactt	720
ggatcatgtt	tatgttgggc	cacatagttt	aaatcnttta	tatctn		766

<210> 4010

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4010

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cccatcgatt	cgaattcggc	acgagaagac	acttcctctc	cggaaagcca	gtcatattca	120
tcccagcgtc	tttcttggtg	tctgtgcatg	gataaagcct	ccccattccc	ccgtgcccc	180
caccactttg	tgctctttca	ctttgcttca	cttatgtgcc	caccactcca	gggctccctg	240
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gagcaaaaaa	caaccagaag	ccctcagatt	cagagtcatg	tcgttaaaca	ctttttaaaa	420
taaaaaatta	gctgtgcaaa	ctgaaatcaa	tttaaactat	tttctttgac	taggcaggaa	480
agaggaggct	gctacatatt	aagaactccc	acttaagcca	aaccttcctg	tttccaatct	540
ccaagcaggc	attgagggcc	tctgggctgc	gtgtgggaga	gccaggaaga	aagaagagta	600
ggccctgcct	ttaaggctct	tcctgcctaa	agcaatctat	aggcagctgt	gttctaacaa	660
aaacttttat	ttataaaaaca	ngcagccagc	cagcctgcct	atgggcagta	gtttgccaac	720
ctgtgctgta	aattaaaaga	agcttaagag	atctgtcaga	tagtgataat	gtatgcacat	780
tatt						784

<210> 4011

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4011

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cccatcgatt cgctcagcca ccgtctcctt acctgactcc tctgggaaag agtttcccta      120
ggttaagcca tacagggata gggtaggaga tgccatttgg atctaggagc agagggcaga      180
gcctcagcag gaagagtgtc tctttgagaa ggagacacag tggagcaggt gtgtaggttc      240
acagggccag ctatgggtag agtcgggtgt acatttttag aagccacaat tcccaaaaat      300
ctcctgacta taacatcagt gcacagagcc agtcaaattgg aggaggagtg ggtccaggca      360
attcaggaag aaggaaagta acaaattgagt gggtgcagga ggacactttt tctgtcgagg      420
tcactaaaca aaacattgtc tctctccctt aacttcagaa acaatggagg gtaaaagtgt      480
cgcttgggcc ctgggggcaa agacggtaga taacttctct gtcgtgttct ccagaagggc      540
ccaacaatta caaggttcta cggttctaaa ttccaatcta gtcttccaca tcattttgaa      600
ggtataatat tacttgtcaa agtgggatga tagaagatat gtgtggacat aaattgttgt      660
caagggaaaa aacttaaata agaaaataag agaaaaaatn tntgtatgta cagtggttac      720
tagaaatatg ccttttaaat atttggcatg tggattgtgg cctcatcntc actcagtng      780
a                                                                                   781

```

<210> 4012

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4012

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cccatcgatt cgaattcggc acgagattca aagtacattt gacaaccacac tgcaagttgt      120
ggcatacatg ggtgccatga accatgacac caactacagc tttcaggttc aatgtggctt      180
aattgtgggt ggcctacaaa gatggatcac ctgcccaccc acatttcatg gatgcagagc      240
tctgttccca gtactggacc aagtggcttc ttcgactaga agaataatag gaaaagaaaa      300
agaaccagaa tattcagaaa ccagaatatt cagaataggg agcaagttgc tatttgggaa      360
cattcagcac cttctcacag tttgggaaca tatattgctg tttactccag tgtaaaaaatg      420
aggtgccact ggatctgagt gctacacgaa cacaagtaga agtattaatt tgttgaaatg      480
tgttgttacc aaaaagactg aaaagcccca aagtctagat ataaagacct agacttcggc      540
acgcgaaatc ccactatgct acctcttatt tacctgaaag gaggacacgc aggatgggca      600
gtcatgctgg tgactcttgt actcccttga gggacattgg tggggggggg gcgtgggtccc      660
angcaggatg cccantcttt gactganatt ggaangcant gangnttgag ggtgccaaaa      720
attnccang gttcaccacag angggggangg gctacatgcc ccantgtgt gcangggagg      780
acacn                                                                                   785

```

<210> 4013

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4013

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acctttaaac ancttntgaa ntncctgcac gatcccatcg attctanttc nntncgcagg      60

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cagccnccan cncganttnng gcacnagctc nanagetgct gcttttcccn tgcenganaa 120
cnttnanttt agtcctggat tctgtcacan aacatntnan ctgcctttnt cectnnggag 180
aattganntg gnaacctact tnagnggcat gaaaaaacct agacntctcn gaannanaa 240
ccaatnngcc cttattgaga ntactgatng atngtannac canagggaca cccgngnatc 300
aatacatacn ggctgntctt gcctntttca aggggtgggcc aaacgnccat nctanggntc 360
ggatcantat gggtntgccc aagcgatcag aacncgagcc atttgcttag ctgcgggaat 420
gaacanggnt cttgganacn ggcatctata tacacccctt ttctttttnc cccttgatng 480
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ccacttnncc tngttgagtt taaganganc acatttgggc taaggggcct ntgnttngat 600
gtaaagtgat ctctnngngg tctacatttt tcntaaataa tnccttatga tccaccatga 660
gtntgaatac tttgcttggg acatangctg ccatcattg cctggaagct gccacaagta 720
cngnagtccc tggggcaaat agcttcaaat tttttgnact ctcaagccca tgtcacatan 780
tt 782

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<210> 4014

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4014

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gcaggatccc atcgattcga attcggcacg agcagagatc tgcaaattac agcccacatg 120
ccagctgctt gttttttgtaa ataatgtttt accggaatcc accactccca cttgtttaca 180
tatcatccct ggctgctttt atgctacant gaagtgggag gggttgagta gttgaaacaa 240
agaccttatt gcttgcaaag tctgaaataa acacactcac acacactgat ttatgtatag 300
aatatgtata caaatatata ttttatttat ctattttttt gagattgagt ctgcttggtt 360
gctctgncgc ccaagttgga gtgcggaggg aagatccttg ctcactgcaa cctctgcctc 420
ccaggttcaa gtgattctct tgtctcaacc tcccaagtag ctgggattac aggcacatgc 480
cgccatgccc agctaanttt tgnattttta gtagagatga ggttttgcca tgttggccag 540
gctggtctca aactcctgac ttttagtgat ccgcctgcct ctgcattcca aagtgatggg 600
attatangcg tgagccactg tgcccggcct acaaatatat nttttacagc acatntcaat 660
tnctattaac tgcattttca aatgttcagn aggcacccac tgggctttgt atcgggntgt 720
actgggcca cacaatcta aaatngctgn atccttggn a cctcctacct cctggtacct 780
tatnagaata agcn 794

```

<210> 4015

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4015

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ttttgcagga tcccatcgat tcgaattcgg cagcagagaa gatgaccgag agactcttgt 120
cagccaatgc agggacacac tctgtgttac caagaactgg ctgtctgcag atactaaaga 180
agagcgggat ctctggatgc aaaaactcaa tcaagttctt gttgatattc gcctctggca 240
acctgatgct tgctacaaac ctattggaaa gccttaaacc gggaaatttc catgctatct 300

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agagggttttt	gatgtcatct	taagaaacac	acttaagagc	atcagattta	ctgattgcat	360
tttatgcttt	aagtacgaaa	gggtttgtgc	caatattcac	tacntattat	gcagtattta	420
tatcttttgt	atgtaaaact	ttaactgatt	tctgtcatte	atcaatgagt	agaagtaaat	480
acattatagn	tgattttgct	aaatcttaat	ttaaaagcct	cattttccta	gaaatctaata	540
tattcagtta	ttcatgacaa	tattttttta	aaagtaagaa	attctgagtt	gtcttcttgg	600
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tctcagtagt	tttttcgaaa	ggctgtgata	atcttattgat	ccgtgatatg	acttggtact	720
agggtactga	aaaaaatgtc	taagcctttc	agaaacattt	ttagtaatga	ggatgagaac	780
tttttc						786

<210> 4016

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 4016

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agatgcctat	gaatagtttt	cagtataagt	atgtcccatg	caatacttgg	gatacgattg	180
tgctgaagtg	gttttctattg	tttgtctgaa	cttcaaattt	aactggacat	cctgtatttt	240
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tgtgttgggc	agggcatttg	ggccacttga	tggttggttag	gtaggttctc	atcttgagaa	360
accaaatttc	tgattcccag	ctctgtgccg	gtactgtgcc	tttttccact	caagatctta	420
aaactttgcc	taggaagaga	agggtcggga	aatggtggga	tggggacttg	agtgttaatt	480
tctgagtctt	cttctctggg	tggattgctt	ctgtgccatg	gtctttgttt	ccggttgtag	540
gtgctgaccc	catatgctgt	ctcgactgca	atgacaaagt	atctaaatac	aaatgtgata	600
accaagactg	ctgatgagtt	tgcaaaaagt	cattgaatta	tgtcacaatt	ggaggtgaaa	660
cctgtggctg	ccttgcccat	gaaatcttgg	cgggctttct	gancctgatc	ccngcctggg	720
ccttctacag	cgggtgccttt	caaaagctgn	tcctgaccac	tatgtggcat	acctgaactc	780
ant						783

<210> 4017

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4017

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cttatgaaca	gtcgccatat	atatatagtt	gatgggcnng	gaagatctgg	gangtnagca	180
nnaagagcct	ttagttccgc	cncatagaac	aaantagagg	tcacagggtc	natgccttga	240
gatatggaat	tgaaatntta	gacttcaggg	tcatagactc	ttggaaggaa	nactagagta	300
cattcntgac	cctcncctt	aattncttna	caggngngaa	aaccangagc	tncnghaaaat	360
nngttattcc	tcancctcag	ggctacctnc	gatctgtgtt	tgetctgacg	aatggaattt	420
atcctcacan	attgggtgttc	tnnntgtctt	accacctaata	tanntnnctg	ctaccaaataa	480
aaaaaaaaaa	aaactcgagc	ctttanaact	atagnagctc	ggattacnnc	natccngnca	540

tgatangatn	cattgntgag	nttggacaaa	ccnnanctag	aatgcancga	aaaaaatgct	600
ntatattgcga	aatntgggat	gctnttgctt	tattttgtaac	cattataagc	tgcaataaan	660
aagttanaca	acaacaattg	cnttcatttt	atgtttcaag	ttcaggggga	ggngnggggag	720
gttttttaaat	ttngcggncg	nggcgcenaa	tgcatgtgggn	cccggacceca	nctttttgttt	780
ncttta						786

<210> 4018

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4018

nnttactata	naatacaagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggcga	gctgaagtac	acaaagtttc	aaggccngaa	aatgagcact	canaaatgat	120
aacaagagac	aagtagctcc	aggtgctcct	tcagctccaa	ggagagggcg	tgggggtcat	180
cggggtggca	ggggaagatt	tggtattcgg	cgagatgggc	caatgaaatt	tgataaagac	240
tttgactttg	aaagtgcaaa	tgacacaattc	aacaaggaag	anattgacag	agagtttcat	300
aataaactta	aattaaaaga	agataaactt	gagaaacagg	agaagcctgt	aaatggtgaa	360
gataaaggag	ctcaggagt	tgatacccaa	aacagtgaag	gaaatgccga	tgaagaagat	420
ccacttggac	ctaattgcta	ttatgacaaa	actaaatcct	tctttgataa	tatttcttgt	480
gatgacaata	gagaacggag	accaacctgg	gctgaagaaa	gaagattaaa	tgctgaaaca	540
tttggaatcc	cacttcgtcc	aaaccgtggc	cgtgggggat	acagangcag	aggangtctt	600
ggtttccntg	gtggcanaag	gccttggtgg	tggcaaanng	ggccttccct	tgccctcgan	660
gatttccncg	ntggattcaa	aagaagtcgt	gggggcccgg	agtttgcgga	ttttgaatnt	720
aggaaagaca	acanaagttg	tgcntagtct	acaaacaag			759

<210> 4019

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4019

gaatccnnta	cnatananac	aagctacttg	ttcttttttg	aggatcccat	cgattcgcctc	60
ggacataaat	tatttcatte	acaccatctt	nccttcccac	acacacaccc	tggagcaaac	120
actggcaccg	cntctaacia	ctcaaggctg	tgccccgagg	atgactgctc	cagctntctt	180
acgttctgcc	tganagcctg	ccaagagaat	caactgtttg	atagggccca	tctacangct	240
ttgtganaga	gtnggggect	aattttgtta	anctccannt	tgtaaagcca	nanagcctaa	300
tcgcgtngac	anccnccttc	ctgcttttca	aanattatct	gcttnccctga	atactgccta	360
tgccctccctn	ctcctccctt	attctcccta	ctgcagnagt	gantatggat	gaaattatgt	420
ncttcctgta	ttaactcagg	tcantctggg	ttgnntttgg	caccgggnac	aagtgcctgt	480
gggtctgctt	gnaccactat	tccccaanng	ccactggtag	cacanatcaa	caaatccctt	540
nctctnagct	catntgttga	gaaattatca	ggagccatgg	gaagaaatta	ctatttttnat	600
catgntagaa	atatatttca	nngtgtnttg	aagagtgtna	ananttgaaa	ntgggaaaag	660
gatttnangc	tgcaacttgg	angcaanatg	atgaacctta	ctatggcact	nnggactnaa	720
agtangatga	gccccantac	tgacccccag	gccngnt			757

<210> 4020
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4020

gaattcctta	cnatananac	aagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
cggcacgaga	ctggcattct	gctgttctca	ggagctccgc	tttgatggat	ggctgggcag	120
cctgtgctgc	atggaccacc	agtgggtggt	gaggtggtga	antgtgtccc	cgctaactcc	180
actctgggca	gtnaactgaa	nagggagcaa	agcccatgaa	atgggccttt	gtggcagtgg	240
tggaggtaga	gtgaccacaca	acaaacctcc	ccacttgtn	ctnnccattc	agnngntcca	300
gaggcagtga	gcttggaatc	ttaacangag	agatcttggg	gtgggggtgtg	gactttccac	360
aaaggcatta	cctacatgca	cgttccctta	cacatgtagc	cttccaatct	catacntaan	420
ancacttatt	taagtnaaat	atgcctatct	caacagcaag	aactntggnn	tggggagtaa	480
agatnttntt	anttnactat	ttagtattaa	ctgagtaaac	atttaaaaag	gactggatgg	540
gggtggggcac	atggggctgg	ggtgcatttg	ctntngctct	acatttatga	aagaccncaa	600
atncattatg	tgacattttt	tgnaaacaag	ggtatatata	ctacancaga	tacacaggng	660
ctagaanaaa	agtncatcat	aaaacttcac	actnggggtt	gtattacaaa	accacatagc	720
ttcatnngga	nttatgatgt	cnggaaaaat	tattananct	tgtnt		765

<210> 4021
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4021

ttnanncett	ttnaannccn	ttttnanttc	cttactatan	aatacaagct	acttgttctt	60
tttgcaggat	cccatcgatt	cgaattttgc	catcttttat	caggctttct	gtgtcgagga	120
cgctacccac	atagagtaga	agctaaaggg	aagggatgtg	aagtgcacct	accctcagct	180
tctantcat	ggtgtcaagg	cttgtgtgat	cttagacacn	tctgcctctt	ctgagcctgt	240
ttcttcatct	gtnaaacang	gatgggaggt	tgtggtnaan	attccacagc	aacactgcac	300
acgcatnaan	tacctnggcc	agggatgact	cggcngacct	cattttccct	ctgcctcctg	360
cctanagctg	ttagcaagca	tccatcatgc	ggntcacaca	agagctcccc	cnggagggtta	420
cagaaatgaa	ggcngcagcc	ccagtncttg	ggtagcctgt	ttccccctga	aggaaacaga	480
ctcaatatca	gcaacacaga	gtgaatgacg	ccagggtggc	naacnggcct	ttcctgnagc	540
aaatgcggga	ggcttcatgg	agatgacgtg	ttatgaacan	cactcatctt	acgctgggag	600
cagcatatgc	ccccggcang	gagccagtcc	ctgtcttcaa	atacagtcac	actgnggggtt	660
naacaatgtg	taaatttggg	ggcgatacaa	acattcagtc	cataacaccc	ctataccna	720
acccttaggc	aancactaat	ntacatntta	tctttacaga	tgacctattc	tggacatgtc	780
atatnaatgg						790

<210> 4022
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (781)
 <223> n = A,T,C or G

<400> 4022

gagnnmnttg	nancccttnt	gaaatctttt	aacacaagct	acttgttctt	tttgcaggat	60
cccatcgatt	cgaattcggc	acgagggtgt	gcggctgtaa	tttgagctat	tcgggaggct	120
gaggcaggag	aatcacttga	accaggaga	cgaagggtgc	agtgaccga	gatcgtagca	180
ctgcactcca	tcctgagtga	cagagcgaaa	ctccatcttg	ggggaggaaa	aaaaagaaag	240
taatagggag	gcaaatacaga	atttgtgtgg	gagtaccccc	tagttctggc	tcttgtagt	300
atactcaacc	tgtcaggcta	ttctgagagc	gaaagctcct	gctttgggct	agtttccatt	360
cagaatgggt	tttgataggt	atgaactagt	ctaagcaca	gtatacttct	gtgtaagtag	420
catagctcct	ctacttggct	tcatagcatt	ggacattaat	agagaaaatg	aaaaaggagg	480
gtatgggtacc	tgcttgaat	agcatttgat	ttttaatcct	acatttatca	gagccccagt	540
ttttaaaatg	tttaatatgcc	agatgtgctg	tttgccaggc	ttanaagttg	gtacttctgt	600
gaatgaaaan	gtgtgactga	gtcacataaa	ctgggtattca	gctagcccag	tcacagttt	660
attccatatt	caagggaaaa	ccaaggctgn	ttttcctcct	tatactttga	agatgatggc	720
atttaaaatc	aagtaattgg	ggctgggtgt	ggtggnccac	atgtgaaatc	ctaattgcttt	780
g						781

<210> 4023
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 4023

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ccaccatgat	tataagtttc	ctgaggcctc	ctgggacatg	cggaattgtg	actcaattaa	120
acctgttttc	tttataaatt	accaggtccc	cagcagttct	ttatagaagt	gtgaaaacag	180
actaatacaa	tcctgaagca	tttcatcaaa	gaattgtaac	aggagatgaa	acatggcttc	240
accagtatga	tcctgaagaa	aaagcacaa	caaagcagtg	gctatcaaga	ggaggaagtc	300
aaagcaaagc	agaccagtca	agagcaaagg	taatggcaac	agttttttta	ggataactcaa	360
ggtatttttc	ttgttgactt	tgtggaggac	caaagaatga	taacattaat	ttgcctattg	420
agagtgtttt	gggaaaagta	gccaaagctt	tagcagaaaa	acacctgaga	aagcttcacc	480
agacagttct	tctccaccgt	gacaatgctt	ttgtcatgt	ctctcatcat	caagaacaat	540
tttgtagag	tttcaatggg	aaatcttttag	gcacccacct	gatctggctc	cttctgactt	600
ctttttgggt	cttaatctta	agaaatctgt	caangggccc	ccagttttct	ttaagttaat	660
aatgtaaaaa	nggctgnatt	ggatgtgggn	taaagtcttc	cangaacctt	aagttctttt	720
angnggtcc	tnaaanggct	ggggggcatt	tttttacna	aaggggncnt	tggaaattg	779

<210> 4024
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 4024

taatcnccttg	gttttcta	atn cntggg	netc gnactttt	ctn cannanc	cnn tgcgntgcga	60
attcgggcacg	agcccagccc	tagatactgg	cactactgag	gaggatcggt	taaaaattga	120
tgtaattgac	tggttggtat	ttgaccacgc	gcagagggca	gaagcactga	aacaaggcaa	180
tgcaattatg	agaaaattct	tggcatcaaa	aaagcacgaa	gctgcaaaag	aagtatttgt	240
gaaaattcct	caggattcta	tagcagaaat	ctataatcag	tgcgaggaac	aaggaaatgga	300
aagtccactt	cctgctgaag	atgataatgc	tatccgagaa	catttgtgca	tcagagctta	360
tttggaagcc	catgaaacct	ttaatgagtg	gtttaagcat	atgaattcag	ttccacaaaa	420
acctgctttg	atacctcaac	caactttttac	tganaaaagt	gctcatgaac	acaaagaaaa	480
gaaatatgaa	atggattttg	gtatttggaa	agggcatttg	gatgccctaa	ctgctgatgt	540
gaaggagaaa	atgtataacg	tcttggtgtt	tgttgatgga	gggtggatgg	tggtatgtag	600
agaggatgcc	aaagaagacc	atgaaagacc	catcaaatgg	gtcttactga	gaaagctttt	660
gtctgccaat	gttgtgtttc	ctgcttcac	gatattgcac	agtacttgtc	aantttcaag	720
gaatgccctt	canttagcag	aatatnggna	ttcctttgag	cgccacaaa	cttg	774

<210> 4025

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 4025

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catcacactg	ttgtatactt	cgtagctatt	acttcttt	taa tccccaagga	cttgtttaac	120
aaagtgttct	tcagtttcta	cttcctagtt	cctttgtgga	actggtaaaa	atttaaaata	180
tcttaacata	atatttttatt	tcaaatagata	aacagtaagg	taaaatgtgg	tttttcttgg	240
acaacttatg	gtagaatgat	gtctagaata	tttagttatg	tcatttaata	ctttttttct	300
ttacaattta	aaaaaaaaatt	tatttttatt	tagattcagg	gggtacacgt	gcagggttgt	360
tacatggcta	gattatgtaa	tgccgagggt	tggcctgcta	gcgcagccat	catccaaaagt	420
gaccctagta	cccaataggt	agttttcaac	ctgtgtgcct	cctcttctac	cttctctttt	480
ggaatctcta	gtctattact	tccatcttta	tgttcacatg	tactcattgg	ttagctncca	540
cttacaaatg	agaccatgtg	gtatttggatt	tctggttctg	agttacttct	tttaggatag	600
aggatgaaaa	agagtgtacc	tccacttcat	ccatgtgctg	cnaagacatg	attcattctt	660
ttatgggtga	tattttacct	ttttgcnagg	gganagatta	aattggccan	ntatgaaaaa	720
tgctgnatcc	ctat					734

<210> 4026

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (837)

<223> n = A,T,C or G

<400> 4026

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gggggtggga	ccctgggatg	ggggggagaag	cagctgtttc	tggagagaga	aggggtcatg	120
gtggccccag	actgtagaga	tttttatgtg	tttggtatca	tctgctgtgt	ggaaaaaaaaa	180
aaactacaaa	aaccctaatt	ttgtacatac	tgtattttta	ctattgaact	gtattctagt	240
ggctgttcac	gctccaagac	tttagttacc	gagacatgaa	tactatccat	gtaataagca	300

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cttgccctgga ataaaaatata aaactgaaat aaacctgcac tgaaacctga aaaaaaaaaa 360
acaaaaaannn anaanncnta aaananccca aaaanaanta aaaaaaaaaa ccnnggccct 420
ttaaannttt ngggngccgt ttancttaan cccnnnttn ntannacctt nnttnatttg 480
gggnaaccn cantttaatt nccgnaaaa aatgnnttn ttggnnaant tgggaancct 540
ttngctttnt tngaaccntt ttaagntgc nataananag ttaccnncna nnttgncttn 600
nnttttaagg tttcaagggt ncaaggggga aaggtttttg naagggtttt tttaaattnn 660
cnggggcccc cnggggnccc ccaattnnn ttttgggccc cggggnccc ccaagntttt 720
tnnnntcccc ctttttnangn naaagggggt ttnaatttgn ncccccntt tgggcnnna 780
aaannnngng gggnnnnntn aancntntt nnnccctng nnnnnnaaaa aaattnc 837

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<210> 4027

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4027

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ggnnnnnnnn gnntntaata nncagctact ngttcttttt gcaggatccc tcgattcgct 60
gccatgtcta gtgggctctt ctgggctccg tcttgagttt gtcacacctc ctagggccca 120
gaggagatga tgtggtattt ctatcactaa aaggagtcca agaccagctt gagtaacatg 180
gtgaaacctt gtctccacta aaaatacaaa atttagccag gcatgatggc gcatgcctgt 240
aatcccagct actcgggagg ccgaggcagg agaatcattt caaccagga ggtggagggt 300
gcagtgaccc gagatcgccg tactgcactc cggcctgcgt gacagagcaa gactccgtct 360
caaaaaaaaa aaaacaaaac aggaaaagtc ttagagaaac cttgtgttta ttcagaataa 420
aatgaaatag ttaaaatgtt ttagtgcctt ttattttcaa attacatagt cagtatcttc 480
tctcactatg attcctgttt gtatctttac ccaaaatagg agtacacctt tgtcatttaa 540
ttaattgttt gatataatct tncaaaatat ggtatctggc anaggggggt gngagagagg 600
aagaatagca caaggctttt gtttgggtgc ctgcttgctg gttggatttt gagatccaaa 660
tcaactatth ttggatgaaa tcgtagctaa ttttccctgn aacctntttt ttttttnggt 720
ctctgngccc attggntgct tgggatcagg aaaatgcctt atanttttng gctatttttg 780
catttaa 787

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<210> 4028

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4028

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agnntttatn atcagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
ggtttttctc tgttacatca tgctgaatcc tttcccttag ccattagctt ttatgatgtg 120
gtcttcgtag gaaagccacc ctggtgccaa gcctagcttg tggggagggg tatgtgttcc 180
agaaactgct ctttgtgttc ccttcaatga ggaaacaaca tgtgtctact tatgtggcat 240
ccaactgctt ggagctccac acttcccttt cgcgactcag gctctggtgc tgttgccaat 300
ccttgcttgg caaagactgt tcgatcatgt ggggtcctta tttacaaggg aaagctgggc 360
cagaaggcta gcaattcang tgttaccgct attgctgtgc cttgtgttan gacattgtgt 420
gtgtgcatgg actgngcctc caaactcagt agttcctatc taaatatnaa gtatattaca 480
aacctggaag tacagaatct caaccttaca gtctttccct tantcctgtg gccttctaac 540

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canctgntaa	cgtgttgatt	ccttncaactt	ccccaaagtag	gcangcacan	attgtgange	600
ttaaaaagta	atctgggtcc	tntgactcat	tgaattcant	ttgcgcntct	ggctggaaca	660
nntgttgta	cagnttttaa	gaaaattgct	ggntgcccna	taagggtggc	ctggtgctcn	720
gggctgngg	ctn					733

<210> 4029

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4029

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agaaggagaa	agcacatgaa	ggagcaagac	ccatgagagc	catcttcctg	gccgatggca	120
atgtcttcac	cactgggttc	agccgcatga	gcgagcggca	gctggctctc	tggaaatccga	180
aaaatatgca	ggaaccaatt	gctcttcatg	agatggacac	tagcaatggg	gtgttgctgc	240
ctttctatga	ccctgacacc	agcatcattt	acttatgttg	aaagggtgac	agcagtattc	300
gctattttga	gatcacggat	gaatccccgt	acgtccacta	cctcaacaca	ttcagcagca	360
aggagcctca	gagagggatg	ggttacatgc	ccaagagggg	acttgatgtt	aacaaatgtg	420
agattgccag	attcttcaaa	cttcatgaga	gaaagtgtga	acctattatt	atgactgttc	480
ccaggaagtc	tgaccttttc	caagatgacc	tgtatcctga	cacagcgggg	ccagaggccg	540
cgctggaggc	agaagantgg	ttcgaaggca	agaatgcaga	cccaatcctc	atctncttga	600
acacgggtac	attccangca	aaaacaggga	tctcaangtg	gtcaagaaga	acattcttgg	660
atagcaagcc	cactgcaacc	aagaagtgcg	anctgatcag	catncccaag	aaaaccacag	720
acacgggctg	tgancaaaaa	tgaacttgta	ccgaccatgn			760

<210> 4030

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4030

gnnttttana	tcaagctact	tgttcttttt	gcaggatccc	atcgattcga	atttcggcac	60
gaggctgtac	ggagagtgtc	ggaccgaggg	gagctgggag	caggtactgc	ctccatcctg	120
agctgccgtc	ctttgaaggg	agaacctggg	gtaggggttcg	aggagcctgg	cgagaactgt	180
gcacctcttc	gggaggagca	gccccctcct	gtgctgcttt	ccccctccct	tcaatatgct	240
ggggcgagga	ccctggcctc	caaagtgcaa	ttccgggacc	ccaaatccca	gcggacgcac	300
caggctcagg	tggcgttcca	ggtgtgtgtg	cgccctggct	cctacacccc	gggacccctc	360
tccgctgcc	ttggagaacc	tcctgaccct	cacttcagtc	cagccgaact	tgagtgggtc	420
actaaggaga	agggggccac	actcctctgt	gccctgctgg	tacgggtgga	atgaggggtg	480
agacaccact	actacaagca	cagtcggggc	gcggggcccat	ggactctgan	tggcgactgc	540
cttcacctca	ttcccgtgac	tcgtggcatg	cncangtgct	ggancttggc	agccgcncan	600
gaacatgtag	gcaggctctt	aaatgtaggt	ggcaagtggc	acaacttcca	tgtccgaggc	660
ccacaattcg	gctgatggaa	gagtcctngg	aacccaantt	cagccctggg	accccttttc	720
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<210> 4031

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4031

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acagtcaatt	ccattaaaat	agaagtggag	aaaaacaatg	ttgggcattg	aggtgtaaat	180
tttgcccaga	tgtataccca	gtgtgaaata	tcttctaata	aaaatatatt	tggctcttat	240
ccctgcacat	gtagaggcat	aaaaattggg	aaacatgtcc	cgctgtgtag	aactttaaaa	300
aaaaggcatt	tttgaaagtg	ttgagtggca	ctgataactg	gtgaancnnn	nntnnnnnnn	360
nnnnanntnn	nnnnnnnnnn	nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
ntnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	776

<210> 4032
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4032

ngtctaattc	tggetctcgt	tctttntgca	ggatcccatc	gattcgaatt	cggcacgaga	60
ggggccttac	attactttct	tgcagcactg	atggcttntg	nttgaggctg	cacaaattcc	120
tgcattttcc	ttgggttgaa	tggnagggat	gcgggcagtt	ggtgactggg	tgaaccacct	180
gacttgagca	gggctacgac	tctctctgca	aacnaaaccc	agagacatga	acagtgtctga	240
natttctcag	tggtttccca	tgtaggctgc	tttccaaggg	cancaagcat	ggcttnatca	300
ctcacccagt	gcttctgatt	cagcactgtg	atgctcggtt	aanttttaat	gaggttntaa	360
atnttttctg	atgtacgagt	gtttatgcca	acaaagatgc	tgaattgtaa	acaccancaa	420
tctgagtacc	ttcttttgat	tncnntctnc	atattgaata	atccctntat	ntttgtgcgt	480
annatgaaat	tgcattngat	gtatnggttg	anagtagatt	ggtnataact	tncaaggaca	540
ggcaacaatt	tcacgatnna	acttcttaaa	aattnttntn	aacaaatgtn	aaaatggatt	600
nttcttccaa	aaaaccnttt	ttccnttttg	cacataccca	ancaantgac	ccngaaatth	660
aaaagtaatt	tagngnacnn	ganttttagat	gattaagggc	nngtttaacn	tttggacagt	720
ttttgccctt	ttttaaaagg	ctcggantcc	nntnttagnn	aactcgctcc	ccnc	774

<210> 4033
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4033

```

gnnnnnnnntt tnaaancntt gctacttgc cttgcanttt cccatcgatt cgaattcggc      60
acgaggtaaaa catacaataa agctgaaaat tttagtgcact acttatatgc tcatcatcta      120
gattctatcc ttgagtaatc tttttttata aaggatttga tgtaactatt ttataaatga      180
aaaactacac actaaaaacc aaatatgtga tctccagcat cacagaaatg aaataaggat      240
tttttttttaa cttaggtaat attgcttgaa ctgtagtaat tcaaagttag caatttcata      300
ggtagaattt cccatgtatt actatactgc ttcacatcag ctctattaat aaaagtagaa      360
cagttgcaaa ggaactttta tgatctgttt tgacaggaca gacaatttaa aaagttgtta      420
ataaaggttt ttagaattca ctataagcct ttcattgtggc tttagtttag cacatggaga      480
tccgttctgg gacgaaagtt ggaagtattc tcaagaagta aaaaatncca aataatttat      540
aggggcacna gtggtttgaa gtactgggta ggattanaag ngggtcttgg cattgnccan      600
aaaccanact actttgcaca attatncttg aattcctaact catatccact agcctactct      660
cttaaagtac cccagaaacc ttgctcttaa catttaagac aatgggaagg tcttgctttc      720
taaaaatgcc tttattttta tacccttgc caataaatgg aatttnacn      769

```

<210> 4034

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4034

```

cgcaattttt annatnctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
agctcaccaa ttagcactgc caccgcaggt ctgtgaattg catgtgaaaa tagaatttgt      120
ccagaagtgc tcatgcaaat tgtgcaacac aaatgtggcc tccatgtcaa gtcctttcac      180
gtgttctgac agactcatgt ctttccagat ttctctgatc ggcgccccc accccttga      240
cagttaccag agctcataag ccaaaggaaa tagttcctgt tgccatgagt actgtgtctg      300
tggtgaggtt tatgagctgc tcttaggggt ggggtttttgc ctgagaaaac aatcagattt      360
cgcttagatc tgcaaganag cagattagga agggaaatata tgcaaatatc tatgttaatg      420
ccccaaacct ataacttggc ctcatgggtg ttgtgtagca nttctcttag agaaaacttt      480
ttttgcattt aatatatatt tcatgnnttt gaaaatctgt gttcatgcaa agaaacctgg      540
aaagcaaaag catnaggtca aatatgaact tggctnntat tcatataatt ggggtatata      600
atatcttttg tgacatanaa cngtntcttn ataaccatct ttgcttttnc attggaaaaa      660
atncagcttt cctgangagg aatatnttt cantgnncnt nttaaacctt tngannngng      720
tngnngcggn nanggggccc n      741

```

<210> 4035

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4035

```

gnnttnanat acagctcttg ttctttttgc aggatcccat cgattcgcag gactcaagat      60
gactttctaa ggtgatttgg ggatgcagtg tatgcatttt ttactcttt ttgaaaaaaa      120

```

```

tcttttcttc gcctttggag tgtaacattt ggatagtttt attcagccca taataggacc 180
aaagggaagg ggataaaaaa aaattcttta aagtacctca gataaaaagg ttttgtgaag 240
aaaaggactc aaaatcctag gttataccaa gactttatgt tcattttgaa ttttctttat 300
tcattttttt cctctctgtg tatagaataa tcaggagata ttggtgggca gaactgttgg 360
ttgataacag gaagcagagt atctgagaaa ggccctcatc ctgtttcctt ttggagctac 420
tgaggcctca catgccagcc attttaggat ttgatgaagg ctagagaaga gttaaactga 480
gccttcactt actcagcatc agtaggaagt agtggtggct acactaaaaa caccgttgtg 540
ccagtgaagg tttgggggga aaatgacaag ctgcctgtga taaacaagca aactgtgaca 600
aactttttga tgtgtaggtt ctgaagcttt tcaagtttac cgtcctcaaa agaatatatta 660
tatatatata tatgccccac atgcccnaatn tngcattata tacctttnga tntacctgga 720
aaganaaaan gatgaaatgg ccngtaaaaa ttgganattt ccagggaacc cgatc 775

```

<210> 4036

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4036

```

ngnnttttaa tatacaggct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
cgagcttttag gttcttgatt atgtcactgt aataaagcaa ccaatggacc tttcatctgt 120
aatcagtaaa attgatctac acaagtatct gactgtgaaa gactatttga gagatattga 180
tctaactctgt agtaatgcct tagaatacaa tccagataga gatcctggag atcgtcttat 240
taggcataga gcctgtgctt taagagatac tgcctatgcc ataattaaag aagaacttga 300
tgaagacttt gagcagctct gtgaagaaat tcaggaatct agaaagaaaa gaggttgnag 360
ctcctccaaa tatgccccgt cttactacca tgtgatgcca aancaaaatt ccactcttgt 420
tggtgataaa agatcagacc cagagcagaa tgaaaagctn aagacaccga gtactcctgt 480
ggcttgacgc actcctgctn agttgaagag gaaaattcgc aaaaagtcaa actgggtctta 540
ggcaccataa aaaagcgaag gaagatttcc angcaaagga tgatagccag aatgccatag 600
atcacaanaa ttgaaaagtg atccagagga aactnaagga cncaagtgtg gatcataatg 660
aggacccgga aacnccagga aagtcttcng gngggaagaa aattgaaaaa ccngccaaat 720
gccttttgaa agccaaactg ggaattgaga aataattcaa atncttgaa atttaggagn 780
aa 782

```

<210> 4037

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4037

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aanngtttga anaccnngct acttgttctt tttgcaggat cccatcgatt cgaattcggc 60
acgagggttc ataaacacat ggctaacaaa gttaaagcctt caagtctggc acagactctt 120
gactacacga tgggaaaagg gattccaatt acgatttaac ttgtatttta aagatgagaa 180
aagaaatgaa taagaaaatt tggtgctatt tttcttcttc caaattagaa tctatatctc 240
taaaaatact ttgcatgttt agtaaacatc catcttgaac agaagatacc ttgacatcag 300
ttctatttaa tacttatggc aattaagaga tttagaaagc agaggaaaag accaaaaaaa 360
agtatgtgtt acaaagtgtc atcatgcttg taggacccca gcattcttga aactaacgca 420

```


cctttaaaaa	gtaatatatta	cactgctgta	aatatttgca	aagtatcaat	gtttaattca	480
cttagaattt	taaggattat	ggatttacta	gcgaaaattc	ccctaaagca	actttcccat	540
atcagtaact	tttatttagg	gaaacaagtt	taatgtcata	atacatgtga	ccttggaatt	600
caatagaatt	ttcgaaacta	gaagtaactc	agaaccgttc	actagatgtg	ttttaaaggg	660
ctnttttgat	actggcctta	acatttgctt	atttgcaaat	taatatgtaa	agaatgggtt	720
ctaaaagtaa	gttttaagga	atgggtattt	cnncaaaaat	gttatttcct	attnc	775

<210> 4038

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4038

ngnnnttttna	gatacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagcccaaac	ctaatttagg	agtaaatatt	ttgtagcaga	tagccagatt	tcagccaate	120
acaggcttcc	agctaacaag	actatgccca	aataaggcaa	atgcctcatc	acatgatgct	180
caaatnaggc	agccacctag	gcnaggccaa	tcaggtaact	tttctacttt	gcttaattgt	240
tcagcctgta	caaatttgct	gcttatgact	gctgagcaga	gctgtctnaa	cctcttctgg	300
tttgagagtgc	tgcccttatat	atgaattggg	ccttggtcac	ataaaaattg	ttaaatttaa	360
cttctctaaa	gttttgtatt	aaattgtatg	taaaacattg	gtagcacaat	ttggattcag	420
ataccctaat	attgactatg	ataatgtaaa	taatccttaa	gcagactgat	ttacaaaggc	480
ctgaacaagt	ttgatattct	gaatattcac	ttcttctgat	gaaaaaattg	ccaagacctt	540
ncaattggca	gggaaaaaaa	atgtgtgttg	gttaaataag	ttatgtttta	caaccaagaa	600
catttaccac	aanttaggaa	aactctttac	ctatggccca	nggcacctat	ttttaaacca	660
cacccttttg	gtaccctttt	ttttaaatcc	ctngaaaaaa	attttnttaa	attaaaatat	720
ggccttttta	aatatttaat	ttggnanttt	taatanntta	angtggnant	tttaaataat	780
tgcccccttg	gttttttggg	ggaaattaat	tgccngcaat	ttaan		825

<210> 4039

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4039

gnnnnnnnnnn	ngnnnttttn	aatatacagg	ctacttggtc	tttctgcagg	atcccatcga	60
ttcgaggata	tggtgcacta	gtngttcctt	gtgactggaa	tattctctgc	ccaaactttg	120
aaaggctagt	tagttacttc	tcattcattcg	ggcttaggtt	aagtgtttcc	tccttagagt	180
tcttctctga	tttatcttcc	ccccagctca	aagtgccagt	cacattaatc	tgacatattt	240
ctccatacag	cactcatcac	tgattgatna	aaaatctatt	ttgccatntt	tctctctcac	300
tggaaatatta	tgtgtcatn	aagaagctac	tcgtgtatan	tgntcctgat	cgtctgngct	360
gcataacaga	ttacctgtgt	catataaggt	gcacaataac	tatatgcgnt	gcgtgaatga	420
ncaaagcttc	tctccagctc	nttttcaaat	cttctattcc	atcacgactg	aaccaaagg	480
aaatgtacta	gacgttctgt	ctggcagcct	tgttccatgc	ttagccttcc	antgattgcc	540
antatctttt	atgatgctgg	gccttngcct	tnaccatggc	tagaatgtta	gantnatgaa	600
cnaananatg	ccattttgat	ccctgctgcg	ttcacctnan	tatggngcct	ggcaagcctt	660
taanaacntn	atnactcagt	gnaccaaagt	aatgagtaaa	cgaccttttn	natecttttna	720

aggaantnaa ttngcctgnt tataggnaat ngttggancc naattccaac ttngggccaat 780
 tggaacc 789

<210> 4040

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4040

gnnnttttttn	gatacagctc	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggcagctctc	ctgagccaga	gtgtgctcag	acagagtcca	gctggtggaa	agggacttat	120
ggagagaaaa	agaaaagcga	tgtagaaaaa	ttgaaaagag	gtacagaaac	agctggattg	180
gttacagctc	gggtgtttgcc	ttattttgaa	cagggtttga	acagttggcc	acctttgggt	240
gctcaaaact	tggtgattgg	cacaagagta	ggttacagtc	tgtttgcaca	tccatttagg	300
ttgcagttca	ctgtgtacag	agaaaccttt	aggctgaact	taaaacgtgt	aaggagacag	360
ctttctgctt	gatttaacag	taacacgggt	gtgtgttggg	aggtagggag	gtgggggctc	420
tttcttntnt	nannntgnct	ttttnccaaa	cantntngan	gantnagctt	gtnatgnatt	480
tgngcaactg	nttntttntg	tnattntaan	cnngancnnn	cnnnnnactn	attttnanat	540
ttanaaaaan	tncatnnnnc	nngcnnancc	tttctttnnn	tnctgncnaa	tnnnnngnng	600
nctnnnnnac	nnannatnng	ntntntgnnc	tgntntngnt	ttntttttnn	aananntnnt	660
ntnnggnnnn	nnnnnnnnnt	nctnttttna	anncnnnnnn	nngnnttnnc	nnggnnnnna	720
annnnnnnnn	nnntnnncnn	nnnnnnnnnn	nt			752

<210> 4041

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4041

gnnttttnnaa	tcagctcttg	ttcttttttg	aggatccctc	gattcgaatt	cggcacgagg	60
tcagcccagc	tcacggccct	ggctgcccga	cagcaggccg	caggggaagga	ggagaagagc	120
aatggcagag	agcaagattt	gccgctggca	gaggcagtag	ggcccaaaac	gccacccgtt	180
gtaatcaaat	ctcagcttaa	aactcaagag	gatgaggaag	aaatttctac	tagcccaggt	240
gtttctgagt	ttgtcagtga	tgccttcgat	gcctgtaacc	taaatacagga	agatctaagg	300
aaagaaatgg	agcaactagt	gcttgacaaa	aagcaagagg	agacagccgt	actggaagag	360
gattctgcag	attgggaaaa	agaactgcag	caggaacttc	aagaatatga	agtgggtgaca	420
gaatctgaaa	aacgagatga	aaactgggat	aaggaaatag	agaaaatgct	tcaagaggaa	480
aattagctgt	tcctgaaata	gaagaataat	ccttaacagt	ctgcaaactg	acattaaatt	540
ctagatgttg	acaattactg	aatcagaagg	catgaaagag	tataatttta	tgaaattcaa	600
aattattctt	ttttcaagtt	gaaacttgcc	tcttctactt	taaaaaagtn	tntngaacca	660
gttacttcta	ataatcagaa	aggagatggt	ttatnggaca	tttctttaat	ataaagttag	720
agatgtcttc	ttagcagtat	ggctatcttt	tgccacagaa	cata		764

<210> 4042

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4042

gmnntttttat	agatacagct	cttgtttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagggtttta	tacatttttat	gttcttttgca	aaactgggagc	cccagaaaga	atacaaagt	120
agcttctgtt	cccactttctc	ccagaatagc	ctaggatggg	caaccatgta	aaattcaata	180
aaaatccaac	cttctaacta	actcgtgggtg	ttggagagta	ttaagcattt	gaaaagttca	240
ggtagaattt	tcatectttt	tgagctcttt	cctagctgct	ttgctgtgat	atatctgtca	300
ctccagatga	gggagtagtg	gtggaaaagg	aatgcattct	cagattcatt	gttggtagtt	360
caaaagaaaa	taagtaaacc	ttattcattc	tctgaagtac	ttccaccac	tactacaact	420
gatccaagaa	aacaatttcc	cattggatgg	tattattcag	agtgttatta	acaatcagtc	480
ctgaattttt	cagaatagta	ctaaagttgt	cttttttttt	aatgggttcc	tttcttcaag	540
gttatagtaa	agcttttttta	taaccttcaa	agaatacaaa	gtggaatttg	taatttatng	600
gatatacatt	cctagttttac	aggtactatt	taaagctggc	aaatttanat	naagatgcct	660
tccctttaa	ttgccccctt	aaatctatgg	catgtctcac	ttaagagttc	caatttcaga	720
atttcatggc	aacttgggaa	acggcntgan	ggaattt			757

<210> 4043

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4043

nggtnttttna	aaanengccc	gttcttttgcg	gaccctcgat	tcgaattcgg	cacgagcttg	60
aagtagaatt	tttttttcatt	ccttacactt	ctcagtgagt	ggtaactgta	gttnttgcta	120
tcattttttca	ttttcgtttt	tgcagttgaa	catacttttt	tcactcagag	agttggaggg	180
acttgcccaa	nactgcccaa	tggcaatgag	atttcaacct	caaataaatg	ttcttttttaa	240
tgcaagatga	ttaaagagtng	gattcancct	aatttaggat	agaataaagc	caaatanntt	300
aggataggtt	ctttgggtgtt	catgggtgta	atctaattgc	catgatgcaa	gtggcagagt	360
anagaattag	tgcacagcaa	taattaaagt	gacatattgc	caaaggaagc	ggtnttagcc	420
cattatataa	taccttttaa	aggacagacg	catactcagg	tttattttac	ctgctgagct	480
tctgccttag	aagtttttcag	aattgtgatt	acattgaata	ggaaaaaagt	ctgaactatc	540
agaaaccagt	gccgcaactt	tgacaaacaa	ctgattatta	taataatctg	cctctagcat	600
gagactatnt	taattattat	ttaagctctg	gnngacttca	ttaagcagcc	cagtnaccac	660
cngaaagggt	aaagattatt	aaaatggaaa	ggaatggtta	ccaattnggt	tattaattcc	720
gggaaccctt	aaggcangga	aaaatgggct	ttgaaacccc	aaaaagggtg	gaaggctgca	780
antgaac						787

<210> 4044

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4044

```

ngnnntnttt nnaaatacac gctcgttctn tttgcangat cccatcgatt cgaattcggc      60
acgaggggga aagttttcag ttgtattatn agntggatc tgactatttg ccataactgt      120
attctataca cttgctgaaa acattgaatt agggaatact gaatcatggc tcctaagggga      180
aagacagggg taggttcctg gaagcctctg gtcacaacat tttcaccaac tgatcaatag      240
ataaccttgt tntgtttatg tntgtgttta gagacattta atatatatng ttgacttact      300
aacatcgaac tcatggccaa tagcactata acttacggct gaacaaagct tatcaagtct      360
tttctctata aggcacatcc caccttcttg cacttaggag cactagacgg catttctcag      420
cactatacaa ggggctatct aaaacagaat aatcacccac aaaaagcaca acaattcana      480
aaaannaaaa gcnaaagtct tananaacan aacattgcat aananttnan aatcagnaaa      540
aantngccc tttaaacctn taggggncgn ttccanngn ccnancntna tangatccat      600
tggttaanttt gggacaancc ncanttgaag gcnntgaaaa aaagctnntt tngggaaatt      660
tgnnatctnt ngnttaattt ggaacctttt nancncttt aaccnnttnc cacntccntt      720
gnattnattn nntnttnang gttcangggg aaggttttgg naagtntt      768

```

<210> 4045

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4045

```

ttgtcttttt gcaggatccc atcgattcga attcggcacg agaacatgag ggccctctat      60
gccagaagtg aattcatctc aaaaaacatg ttgactctag actggtgcct cctccagcta      120
ctactacccc cattagtcac ctagtaaaaa atgacgacat ttcacacct gcacatgaac      180
cgctttcccc ccatttctta atcatgaatt nctgtgtctt aaattattaa tggctaagac      240
taggtctggc agtaaatnnc tntctcctgg atttttggcc caactcgagt atttttgaaa      300
aaccgacaca gtattttagg ggagcccaaa aaccatgatg ggaaaaagaa tgagctgggt      360
gtaaaggaag aggggtggcag agccctctc cagcagtgcct cacagggact tccccagggc      420
accaggcacc atctggagac ggnnttggtc acactgggat tgcggggagt cacctagtgg      480
gtggaggggg cagggatgct gctgaacacc caaagtgcac aggatggctg cagtcganca      540
tgtcaganaa aggggtctggc cccaaaagcc actcgcgccg gtggctgana caantctgga      600
gcaagggaac cctttggtca agnccccan gttttttaag ctaaaacgta aancaggaaac      660
cattcaagcc aagaaggagt tcccaggnac gtttttttn ttanggaatg gaccctttaa      720
gaaaaattga aaancatnnt taccatggg gttnaacccc catggaaatt tccgggccaa      780
attccaagtn cctn      794

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<210> 4046

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4046

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ntgnntttta atactngctc tcgttctttn tgcaggatcc ctcgattcga attcggcacg      60
agactgtgga gagatctcag tttttctatc tgtaattgct catattttga atgctaagtt      120

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ttcatcaacc	ataattttta	cgtgctctaa	tatgtttctt	cacagattca	tgccatgttc	180
agtttaaaag	agtcctgttc	ttttaatata	ttatctttga	aatgcctctt	actgaggaat	240
gactaaactt	cttctgaaat	gtgctctctg	gattgaagtc	aagagtacat	gttgcaacaa	300
agataatcat	gacttttagt	attaagagac	aattaccaga	ttgagtgtta	cttanaaaag	360
ttccctccc	tgtagcagaga	ttactggctt	atcaaacaac	ccgccccatg	tgggcatat	420
atnattgaga	taattantnt	ccaactgata	ctaaaaggng	taattgggat	aaattaattt	480
tagcaaagag	tcctgtntcc	aaagaaattg	gggtcatgtat	ttggcaatta	ccaaaaagtc	540
agtngtcaaa	tatgaatgat	accgtgggtg	gcagtgaaca	atcaatttac	tnaagggagg	600
ctggccttta	ccttcgctct	tngagacanc	tctagcctgg	aaatcatgcc	tgataggatg	660
tcttntctgn	ganggactga	aaataaagaa	tacctgaaat	ctggangatt	ttaagagggtg	720
gtgtgaatct	gtnnaagaaa	ggtgaggaan				750

<210> 4047

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4047

ccctttnaan	tccttgttg	tnnannagnt	nggaaactna	agcttcgtaa	aaganaggnt	60
tgggaatnng	gcncggggag	gaagcattca	catatnctag	aatantatga	cttggctatc	120
aacccttgc	cggctgnagc	tcccatnng	ctgtagtcct	gtatgtgtta	tacccaacct	180
anagcacggc	gccatgcctg	gctaatttat	nctcataact	ttctacagag	atgggggtctc	240
actatgttgc	ccatnctggg	cttnaactcc	tgncttcaag	tgatctncng	cctgagcctn	300
ccaaagtgtc	gcgattatan	acttnaancn	atcgacttgg	ctcaaactct	ngttntaatt	360
ggncctttng	tcagaaagaa	tgtgccactc	tgaantttgt	tccnnatatt	gnntcttna	420
atcacttnna	acctattnta	cannnatntt	natttntctca	tgaaantgct	gggattatnn	480
acatnaccaa	atagtgttgc	gctcaaatat	tcgnttcaat	agnnnctttt	atnncanaag	540
actntgccac	tnttgatttn	gnntcangng	tgttaagctt	agtancttgc	acttanctgg	600
aacctattat	ncntttnaat	tttacttnna	tnncatcttn	ctaactcnna	tntcnatctn	660
naatnnanct	ttntaatnnc	atctacnnc	ngnttttnna	attttntctga	tnactggnc	720
anttttancc	ggnnnttnta	aataacgnnc	nnaccnanat	ntntangcat	nnactcttcc	780
cntgtanttt	tctncnaata	aatntnncgg	naanatacnn	nacc		824

<210> 4048

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4048

ttctaagtct	tggttcta	ncntgggctc	tnganctttc	tgaggatcc	cntngatncc	60
tataatctgg	gggtacagag	caagaagaag	tacttttgact	ttgaggagat	tctggccttt	120
gtcaaccacc	actgggagct	cctgcagctt	ggcaagctca	ccagcacc	agtgcacagat	180
cgaggaccac	atctcctcaa	cgctctgaac	agttataaaa	gccggttcct	ctgcggcaag	240
gagatcaaga	agaagaagtg	catcttccgc	ctgcgcaccc	gcgtcccacc	caaccgcaca	300
gggaagctgc	tgcttgacaa	aggactgctg	ccaaatgaga	acagcgcttc	ctctgagctg	360
cgtaagagag	gaaagagcaa	gcctgggttg	ttgcctcacg	aattccagca	gcagaaaagg	420

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cgagtttata gaagaaaaag atcaaagttt ttgctggaag atgctattct ccgagcttcg      480
caatgccgct aaggacgaca agaagaagaa ggacgctgga aagtcggnca agaaagacaa      540
agaccagtg aacaaatccg ggggcaaggc caaaaagaag aagtgggtcaa aggcaaagtt      600
cgggacaagc tcaataactt tagtcttggt tgacaaaagc taccctatga taaactcttg      660
taaggaagtt tccaactatt aacttataac cccaacttgt ggtctcttga agagactgga      720
agattcgang cttccttggc caagggcagc cctttaagga ncttccttat taaangann      779

```

<210> 4049

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4049

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ttccaanngg ctnggttctn atncttggcn annaaaantn ggtnggaatt cggcacgagc      60
tttgacgctt tttcctgccc ttaaatttga tacctttggt gtaggagctg cataagngac      120
agttgctgnt tttacgttnn cacgcgtgat cttgacctg ctagcctgaa gtgtatggtt      180
tctcttagcc agttctaatt tttgttcagg tggaagatgg atgcctgaag tgtagactgc      240
tgctagctga ataccatntg ggagcataaa ggtgacctga aggtagggng atatgtctta      300
aagcactttg taatgggaat ttttatcacc ttttaaattg gggttccttc tctagttagt      360
tttaatgtca gtaggtacat tcngtantgt tgctctgtct gtagctatta agngagtgta      420
ataaatggga tagcctccac agcttatttt tggaaggtt ttgctgatac ttcttgagaa      480
gcccanggaa ataaatacgc atagtctggc attctgcac ttctttaaga tttgtttnta      540
tgtgtangta attgagtttt ttaaaagctt gngaaatcng cangcatatt accaaagtgc      600
ttgattaaaa tggtaatnnc aanaaatntt tngctgtcna attgagtaacn tttaatattca      660
nctcttaatg atggncntc ggtgnangga ttttgaaaaa ttccgaatct ttcaccatng      720
aacttaccct aggaattcan tttnganaat tnnncatggg naantcttgn nnggantacc      780
tgaaccataa atttcccngg tcneg                                     805

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<210> 4050

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4050

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tccccttttg aaccttgccc aatnagtctn ggttctaate ncttntcnan nagnnaggng      60
ntgggaattc ggcacgagta ttagtgataa gtatatatgg acatcttttg gaacaaagat      120
aactaacaaa agacaagaat tttcaagaag gaaaacaaag aaaaaaagggt aatcagggta      180
tgttacatag nttanctgct tatagtnttt ctttggttct gctcatggaa acacaatgac      240
tatcaatcta agtaagacta taatatatta gaaggatggg tgatgagaag tgtgaagtgt      300
tgcaaaggta aatccttata tccgcctatg aagtatcaat aagcaatgcc caaaaaaatg      360
aactattaag aagtaactgt aaagttatat catttanaga tagagtggag tatagcaaat      420
gaatcagcta aaatatnttn aaaatgggta cctctctggg agtggaagat acatgtatgt      480
attgnggggtg ggggatgcac tgcaatgaga tttctttttt ttaatccttg tgggtactact      540
tagntctcta aactatttgc atctataact ttgctaaaaa taacntttta atttncaaatt      600
tgatcactct tgnatcagt tcaaatngaa acaaggagat aacataattg ctaagnttat      660
ttttggcata ttnatcacnt tgtatatgtt tcantgagaa taccatgtta cattcctctc      720

```

aagcangtnc ttcttaaagt cnaaattgct gnattatttc tcaaaaacna ttntnngnant 780
ncactttng 789

<210> 4051

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4051

gcgtccccc	tttgaaactc	ttcaaattccc	ttgggtttnaa	nccctttncg	caggatccca	60
tcgattcgaa	ttcggcacga	gatttgcctt	aatcttgggt	tactagtaat	gctatctgcg	120
ctgtgctgt	aaagcctcca	gaaagattgc	tcaggcatgg	cctaatagct	tttatcagtt	180
cactcagtg	ctcttacact	ttgatacctg	aaacctagag	tttaactgtgt	aggaccaagc	240
tcttctgaag	gagtcaactg	ctctcctctg	tcaataatgg	ctgtttatgc	caaaacagcc	300
aagagaacct	ccccaccccc	ttccctctgt	caaagtgaag	tggaacctaa	gaatggaagc	360
tagtggctat	tttgccatac	cccaaccaac	ttgctattgc	tttaattccat	ctaattatca	420
gctgggcgtc	gtggctcatg	cctgtaatcc	catcactttg	gtaggccgag	gcaggaggat	480
cactagaggt	caggagtttg	agaacagcct	ggccaacatg	gtgaaacct	gtctctaata	540
aagataaaaa	aattagctgg	gtatagtgtg	gggtgcctat	aatcccagct	actgggaggg	600
tgangcagga	gagttgcttg	aacttgggag	gcagcagttg	cagtgcagctg	agattgtgcc	660
cctgcactca	aagtctgggc	gacagantga	gactctatct	taaaaaaaaa	aaaannaaaa	720
aaaactcgac	ctntagaact	atagtggagt	cgtattacgt	agatccnact	gataggatcc	780
attgg						785

<210> 4052

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4052

agtctccctt	ttaanccttt	caaattccctt	ggttcangcc	tttacgcagg	atcccatcga	60
ttcgaattcg	gcacgagctt	gagagaatag	atctagatgg	gtggggcacg	gttctgggga	120
atggaagggc	caaagaggaa	agtgggcaat	gggtgggttg	agaacgcagc	ttctggactc	180
agcaggcctg	ggttcaaact	ctgttaatca	ctcctgttaa	tcccagcgct	ttgggaagcc	240
aaggagggag	gatcacttga	ggccaggagt	tcaagaccag	cctgggcaac	ataatgagat	300
tccatctcta	caaaaaataa	aaacaattag	ccagggtgtg	tggtgcacac	ctgtagttcc	360
aggtacttgg	aaggctgang	caggagaatt	gcttgagcct	gngagtagtg	agtcagtagt	420
gcagtggcac	gatcatggct	cacttgcagc	cttgacttct	naggcttagg	tgacccccca	480
acctcatcct	cccagggtgg	tgaaactaca	ggcacatgcc	accatgcccc	agctgatttt	540
ttttagagaga	cagggtctca	ccatgttgcc	aagctagtct	acaaaagcat	ctganttttg	600
gaagtacatg	gaattttgtg	taacaaaant	atnttgaatg	gaaatggctc	tcantgtatt	660
tnntggaattt	tccattaaat	aattttggctt	ttttccttga	aaaaacatan	nnctnctttn	720
tnntntnnat	acttnccctt	tnnttantat	tatanaatnt	cnttcnagcc	ctttnncaan	780
ttntcntgga	nttnnttatt	ncatttttatc	cct			813

<210> 4053

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 4053

tttgaaatcc	ctggtttcaa	ntccttgccg	aggatccctc	gattcgaatt	cggcacgagg	60
cgtccttcag	atatcaaatt	caagcctcta	aataagacca	aggagtatac	agcctgtgaa	120
ctgatgaaca	tatacaagac	tgacaatcac	ctgaaacatt	atttacatat	cattgaaaac	180
aaaccctgt	atccagttat	ctatgatagc	aatgggtgctg	tcctttcaat	gcctcccatc	240
atcaatgggg	atcattccag	aataacagta	aataactagaa	atatttttat	tgaatgcacg	300
ggaactgact	ttactaaggc	aaaaatagtt	cttgatatta	ttgtcaccat	gttcagtga	360
tattgtgaga	atcaattttac	ggtcgaagct	gctgaagtgg	tttttcctaa	tggaaaatca	420
catacctttc	cagaattagc	ttaccgaaa	gagatggtga	gagctgacct	aattaacaaa	480
aaagttggaa	tcagagaaac	tccagaaaa	cttgccaaac	ttctgaccag	gatgtattta	540
aaatcagaag	tcataggtga	tgggaatcag	attgagattg	aaatccctnc	aaccagagct	600
gacattatcc	atgcatgtga	tattgnagaa	natgcagcta	ttgcttatgg	atntaacaac	660
attcagatga	ctcttcccga	aaactttcac	cattagctta	atcaatttcc	tcttaataag	720
ctcactgaac	ttnttcgaca	tgaccatggg	cannccgttg	gcttcacttg	aaccactt	778

<210> 4054
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4054

agtctatanc	agctctgttc	tttttgcagg	atccatcgat	tcganttgng	naenangttn	60
gtgcttnacc	actgcttact	canggcccg	netttgccc	catttntgca	nacennaccc	120
ctancccgag	agcctctggc	agacttaana	gcctgctgnc	ctcaccagng	nncnecatn	180
gccggnctga	gancnagtgn	ngagtcacag	netcagnan	aatgccnaac	gcctcnanct	240
gntcctgacn	gntnccnagg	ggacaccata	tagccttagt	catgnntcat	atgcccggan	300
gaatcttccc	ccaganggga	ctatcctagn	cnacnagatt	tgtgtcnaaa	tntctgcttg	360
ntgttngaac	ctncanacna	tatggnanng	acacactatg	gaagtctgga	attncatgga	420
natttnatga	tatgaantaa	ntgtgtangc	tcctggcata	gcaatgntgt	nttacttcgg	480
agntnaanng	annctggacg	ttgcngaent	gntccntaat	ncaangcacc	ctnatggang	540
atagcnggac	atnctgggct	tgnnnatnga	tcctgntgaa	gcaannctgc	gntgtgatta	600
ttaccggtng	gctggngncc	accagcactg	gctaagtctn	tacggctnna	gtntctttgt	660
cagnntattn	aatggntatg	taaactttna	gaattaaant	gggnnctntt	gngnnngant	720
annttaacct	tacntnttcc	ctat				744

<210> 4055
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 4055

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gttncttcca tcagctcttg ttctttttgc aggatccctc gattcgcttt tttatagtga      60
tcacttttga attgtgttca gatatgcagt ttcaggtgta atcatcagag ctgggttagtc      120
aggcattcca gatagtgggt cttttcagaa cctttttaaagggttggtt aactacctca      180
gtagcagagg attgaactat accctgtctg tactgtacat agaaaatctt tgtagataaaa      240
agcaaggctt gntnaatatg atatgagggt aagattttnn atanaccnan tgtaacnttc      300
ttagnccctt tagtttcaag aggettgcat acttnttnat naccantatn acacgcctng      360
nntttntcnn annnnnctnc tgcacacaca nacctntnt tntngtatt tctgntncca      420
cannctnnnn ctntctctt acccnnccctn cttnantncc nttnccctcc nntccncccc      480
cccncgacac ttactnctnn cctncnnccct nncctcnncc tnnnnnnnnnn nnnntntncc      540
ncncccnnnn nntcnnnact atctnntccc nmctanngtc tnncttncnn tcnantntnt      600
gentcnncnn ttctnntttt ttcnntcatn tcncanccnn ctgnnnccctn nncnnnnnnn      660
tnnccnnctn tnttnaccnn ngncnctent ctctnnnnngn nctntcnntt cntnctcnct      720
cncnnnnntn ngetnnnnat nctnntntat ntentcnnnn ntnnccacnt cncntntcan      780
cntctgttcn nctctcann tcatcnntac tcnntntnn cctnnnnnnn negcnnnnnt      840
ctctctnnan ntccncant nnnntcnnnn annccncttg atctncatcn nntttctent      900
ncncatgntn ncnntccenn atttentatn nngnnngntt acctnctntc nnnatenntc      960
nnnttacnnt catncccccc ctgntntccn ntncgnatcn tcnannccnn tntcneg      1017

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<210> 4056

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4056

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tntttanana tacagctctt gggtcttttt gcaggatccc atcgattcga attcggcacg      60
agggcagaga atcccttgta gaaagggtggg ggagaatcat aggatattat aactgtaagg      120
aacatgcaag attttccaga ttataccctt gatagaatag ataagttcct taaggctcag      180
atcttgctta aagtcgtcca gcctgttaga gacaagtaga acacgaagct ggccctctgga      240
gtctttattg agtactttgt acaattgggtg tagactggga gagccctcct cacttccccct      300
ttcttggtgt gtaatttcct gtggggcaga acacctcaga ggtttctgtg catcaaaata      360
agatgcagca aagacatgga aaaaggataa cgagacanat tccancanta agtagatnag      420
gttgngtttt ttataaaaaga taacgaggca ttccctccag aaatgtggag cctttgtaga      480
tttcagtgca taaaacccaa ccatgatttc ctgcagtgat cacagagcag agangggaga      540
aagccctttt atcacnaacc ancaggaagt ctctgtaaaa tnggtaagga ttctggttta      600
ntgtgaagaa ccccatTTTT gngtatgttc tgggccctgg gaaggacaga tcatatttga      660
cntcanaata aatgatcagg ccagcatggg gggtactctg aatcctaccc tttggaagct      720
taagtggagg attgcttanc ccanant                                747

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<210> 4057

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4057

ngtatttcaca	agcgctngtt	ctttttgcag	gatcccatcg	attcgtgaaa	atacttatct	60
atagaaacag	tgttgtaaat	aagagagtct	cagattatca	aatgaaactt	attttaatcc	120
atgtaactga	actaataata	ccagctgcag	ttttatcctg	gctgtaagga	ctaccatgat	180
gggaaaaaat	aagaggaaac	cttaccctcc	cccacattcc	cacatgacca	gcagcataag	240
ggctccaggt	taccacagta	tccatcattt	gtcttatggc	cacccaagta	cacctgttta	300
catgacttac	tgggcctgtg	tagaaaattgc	agtttgtgat	aggatcccag	tatagaatca	360
cagaaactga	cttttgaaagg	gtaatgtaaa	ggctatttgt	atctaact	tttttaaaaa	420
acagtatgct	tttgttttat	ttattggagt	atatttttga	agtcctgtc	ctctgtcact	480
gctcagagta	attatcatct	ggtttatatt	ttctagagtt	ttttgtgatn	ctataaatta	540
tgtcttttgt	tatgtaaacac	atgtaatttt	tttacaacaa	atgnggntaa	tgctatacca	600
taatctacta	caactttgaa	ngggtttccc	ccgtggttgg	ctactttgga	tctggccttg	660
gtngatattt	tatatnttat	antataggct	ctcgttngtt	aaattccatt	taaccaactt	720
cctnggaaan	ttcccattct	ttgaaatggg	cccattaant	tatttaaatt	antttccctc	780
ttggggagg						788

<210> 4058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4058

gtnagataca	gctctgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgagatgag	60
gtgtgangcc	nttnaatccg	aanaagngcn	cnaagantga	gaacgtgatt	gcntgaaatg	120
ttcatccaga	natcttggn	tataggagaa	cagggggaga	ctngattgat	taggttggn	180
atatttgtcc	tatggaccac	ggtaacgggg	nttagcnttc	atagtatgta	accaggantg	240
gnagnnggag	tcatagagta	tnggnnctct	tnatcccagg	agattcccaa	tggggnacgt	300
atctactgnc	cttnnngaga	gaccatgctn	ngctgtctnt	tttanggnna	atcannaatt	360
tagtggtegc	ccctncaatc	ttcattccac	tcatecntac	cctnttggca	ttcttaatgt	420
natttgtggc	cctgtcetta	tcattttaca	agggtaaatt	ntentccaga	tatangaacn	480
tgtttactaa	actttaagcn	cnttaantta	aacatcntta	cctaagaaca	ntcntggtnn	540
caannggagg	ttnacaaggg	gctagcgctn	taaaaccact	ctncttnttt	nccggaagat	600
tgccnntctg	ancttgtaag	ntnangattc	ntgtggacan	gaaganttgt	ggcatnacng	660
tttnacngnt	gggttactan	tgcacntgtc	aactngnngn	gaaatgtcnt	ggatacaang	720
tgtnatgggg	ntgaatttna	acgggaacna	anggtggngg	c		761

<210> 4059

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 4059

ggnnnnnttg	tctatagctg	gctctcgtct	ttctgcagga	tcccatcgat	tcgaattcgg	60
cacgagccat	cngtgnctng	cnangggcct	gccccatagg	atggcctcag	caaattttca	120
gtgaactcaa	gttcattgan	ttccaattng	tgaaataaac	tagagggcct	ctctgaactg	180
ccngcctnat	gagaangact	gtgannagta	ncnngnccaa	nacagactga	ctgtgacaaa	240

nctagananc	attacaggtt	tctgagaaag	aangaagggtt	caagttcaca	ttggtactgt	300
gaccacgnca	gctcattgcc	ctcctanacn	gggctctgca	agctttctnt	ttactggagg	360
ctgnactact	ctttnaagct	gnaacagtgt	gattataanc	ccnnantngg	cccccttga	420
cancatcttt	acaataatgc	tcttggttcc	tcaaccngct	ggtgactctg	aaagctgatg	480
nngacgggnt	gccaaaaantc	atnatatann	cagcctncna	aangcngtga	tctctncatg	540
anctcatgna	nccttaaacn	cgtgcttgcc	cnttntttta	caccnttaac	aatnttgaca	600
tncacctnna	tgctntnngc	gaantcaaat	ncccgtagt	ccaggcttga	aaangaaaca	660
cccgttntag	gttgggacct	ttccacaagn	tcctnatgcn	ggggnaanaa	caatgnnttc	720
attgnnnnga	naatnctgca	atcccattgg	nttttanttn	gtnccttttc	aaacgcgngc	780
cttttaana	tngttggnaa	cccc				804

<210> 4060

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4060

ttnttcagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagcccagc	60
cataatggag	cctgaaatca	ggaattcatg	tttcaagggt	acatgtacaa	atgtatgccc	120
tctcagaaca	atggccattt	tgagaaagcc	agtgagagac	agccagacca	ggtcctctgg	180
cctagcaccc	accagtgcct	gccagctcag	cccaagtctc	ctcacctagg	atagcttgat	240
ggaataacaa	tgtattttta	ttttctgtag	acctaaaact	gctcttaaaa	agtctatttt	300
aaaaatccat	cattaaaaca	cagactttct	ccataataag	aagttggagg	ggctgggcac	360
ggtggctcgc	acctgtaatc	ccagtacttt	gggaggccga	ggcagatgga	tcacgaggtc	420
aggagctcga	gaccatcctg	gccaacatgg	tgaaaccccg	tctctactaa	aaatacaaaa	480
attagctggg	tatggtggcg	cacgcctata	gtcccagcta	tttgggaggc	tgaggcagga	540
gaattgcttg	agcctggaag	gtggaagtgt	cantgagccg	agatcgtgcc	actgnacttt	600
tagcctggcg	acaaantgag	actccgtctn	aaaaaaaaaa	aaaaaaactc	gnccttttag	660
actatagnga	gtcgtattcg	tagatccagc	atgataggat	ccttgatgaa	tttggacaac	720
cacacttgat	gccgtgaaaa	aatgcttntt				750

<210> 4061

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4061

anaannngtc	aatgctggct	actcgnctnt	ctgcaggatc	ccatgcgatt	cgcttgaacc	60
tgggaggcan	aggttgtggn	gaantcaaga	tcangccact	gcactccagn	ctgggtgacn	120
ngagcagnga	ctccatctca	agaaanaagt	nantaacnaa	tnnttcgngn	atgtgatgac	180
tgactntagt	cnttatggaa	aataacttcn	ggcagctnag	tanctactgg	tcancaattc	240
cgntgtntaa	gagangtnct	acantcnant	nctcaatatt	ntcagnctga	tttcaatacn	300
gacacgcnac	cactgaaatg	cngaaagatg	gnaatcanag	tgtgatgttn	ntatnnaant	360
ctcgagattc	acatgtaatn	agacccttta	ncttnaatga	tcacnacatn	anaatggnga	420
catgatctta	acttggggaa	atatggantn	tgtatttgnn	aattntagnn	tcacanaent	480
atccctatga	ntgngacacn	catgnctgaa	atctaagctt	tanaatattn	nctntgtcag	540

tnaaacagca	tgnttncatg	cnnactgaan	ctaanntccc	aaatnaantg	ntcatttttg	600
gatngnnngn	ancacattgt	naaccaattc	gttgncaact	tntgnntanc	aaatnnnnna	660
ccatanctcn	nntgggnaccn	atggaaggga	tnnnatnnna	ncaanaance	ttngggnccc	720
ntctangnnc	ctnttngtag	angncncaan	ttcccncctcn	tggnccanga	catgggnncnn	780
ggantacccc	ttcattaatt	ttggctnnta	tancctcaan	anttgaaatt	ccnnnnnncna	840
naaattnnnc	t					851

<210> 4062

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4062

ngmnttnatc	agctcttggt	cttttgcagg	atccctcgat	tcgaattcgg	cacgagcttc	60
cttgtataat	actgatcatt	ctattttagc	ggtaagaacc	caagaaggag	tatggatacc	120
tgtaaagctt	tctggtcctt	gggaagcctc	tccttctgtg	catattatta	ctgaaattct	180
tcaaaagatt	ctgagatgct	ctcagtgttt	cattgctact	ttaattttta	tcattatggg	240
attgattgct	gtcacagcta	ctgccgcggc	agctggagtt	gctttgcatt	tcacagtaca	300
aacagcagac	tatgtaaata	attggcagaa	aaattctact	ttgctgtgga	attcccaaac	360
taatatggac	cagaaactag	ctaatacaat	caattatctc	caacaaactg	taatgtggct	420
aggagattga	gtagttagtc	tagaatatag	aatgcagtta	caatgtgatt	ggaatacttc	480
tgatttttgc	attactcctc	atctgtataa	tgaaagacag	catgagtggg	aaagagttaa	540
gaaacatttg	aaaggtcata	ctggaaatth	acttttagata	ttatgcaact	gaaggacaaa	600
tattttcaatc	ttctctggca	catctgacac	taatgccagg	aactgaantg	cttgaaggcg	660
cttcaaatgg	attagcagct	attaacccat	taaaatggat	caagacnaaa	naaaaaaaaa	720
aaaactcgan	cctnttaaaa	ctatagnag	tcgtattcgt	aa		762

<210> 4063

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4063

gtttatncag	ctctgttctt	ttgcaggacc	ctcgattcga	attcggcacg	aggtcagagg	60
tcaacaatga	gtatgtggca	ataacaggat	tcaaacccag	atctgttagc	ttccaaagtc	120
cttggctetta	catgctaccc	actagtccct	tgaggggggc	tccggaccat	ggaggtcaca	180
caccagtgtc	ccgagtgtgg	tcctcacagc	acctgcatca	acatgagggt	gggatttgat	240
taaaagtggg	tttctggggc	caccacatt	ctgaatctaa	agttctgggt	gtggtttttag	300
gaacctgtgc	ttttaacaag	tacccttagt	gatttatata	cttactaaac	acttgagaat	360
cactgatctt	tccagtgtgg	tgtgacttat	agacagtgtt	ggacagaaat	gaaacaaagg	420
agaaagatga	agcacagaca	gaaagagctg	ggaggatgcc	ctgcatgttc	ttatatctgt	480
aaatacgcat	ctcttctcct	ttgtctcagc	ccttgctgtt	taaatctaga	cccttacatt	540
tttcaactat	ttggctccag	cctncccttg	cctgactcct	ggctttgtat	attacctctc	600
tttcttgact	ttcactgcct	tttacaagtt	tgcattttct	gctcattttt	agaagatcct	660
actaagggcc	aaaggaaaat	acactgtaca	gaaacctaaa	attaagccct	ttagaactat	720
agtgagtcgg	tattacgtag	atccagacat	gataggatt			759

<210> 4064
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 4064

gntttnnnca	gctcttgtct	ttttgcagga	tccctcgatt	cgaattcggc	acgagattct	60
cccaaaaagg	ttcatcccg	gaacactgaa	gaataatttt	tgggaatggt	aatgatgtgc	120
cacaaaatta	gtattttatg	atcaaatgaa	tttgctttat	aatattttat	ctaaatattc	180
atgctcctga	agactcacia	aataaaggaa	actttatcca	gctttttcca	gaatttactt	240
gcacatagac	tccattttata	tagcatgcct	attgaactct	gtaaatagtg	cagttcagga	300
aagatagcag	tgtgggaaat	gtcactctaa	tggatcatata	cgtttatccc	atgggagggt	360
aaagcatata	ggtgagagga	gagtgategc	cctgggggaa	tgtaatgaga	aaggattgat	420
ggctgtttca	gttgttgttt	tcctgtccct	ggctgctggc	atgggggcaa	gggggagggt	480
gaggctcagg	tcttagagaa	cagaacattg	catttcactt	cacagtcagc	aaagagaaag	540
ccaggcaagc	accagaagt	cagtgcacca	gtggagtcac	aaaagactat	taattcttnc	600
cacattgaat	tgtgacacac	aggaagctca	ttacagactg	agtgccttga	gtttttatgt	660
ggggctagtc	atgtagggtc	ctttggctcc	atgcccccca	attccagact	tccagaaaga	720
aagccagaat	tcaaccttaa	ctggcttggt	tggtcnaacc	a		761

<210> 4065
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (782)
 <223> n = A,T,C or G

<400> 4065

ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaata	cacaattttac	60
atgtcagagg	atggtagagg	aattgtcact	tatgcttcag	tctgacttag	tgaagcagtg	120
gggccgagaa	agcaatcata	tacgcatttg	tctcacatga	gcagaggaac	agagggatga	180
ctttaagtgc	tgtctgtttt	ttgtccacaa	ggaattttct	tgtggggcaa	ttgtgaggtc	240
ttttagctta	tcttatttta	ggaataaaat	gggaggcagg	tttgcttgat	gtagttccca	300
gcttgacctc	ccttttcctt	agtgattttt	ggttcccaag	atttattttc	ttttcacaga	360
ataaattgtc	tttcagacct	agagagcatc	acagtcacat	tcagaaagggt	gtccaaatgt	420
aatcacact	ttcacataga	attacagcta	tattaacaaa	ttttttcttc	cattgncttc	480
atttgtaata	tataaaaaac	ttaagctttt	aaaaaactaa	agttgaatta	tggncttaaa	540
aatgatggtc	aatcttatct	tactggcgag	gatatagacc	atttgnctgg	ataattttta	600
gtaagttgct	atacagtttt	angccttcct	agntattatt	tgggtggggta	nttctcttac	660
tttccctggg	nccagttttt	accattggga	acccccccct	taatngncca	ccntnttttn	720
cccccccan	aaanccann	cnntttaaag	gggggaaaat	ggccccctnat	taannccnng	780
gg						782

<210> 4066
 <211> 576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 4066
 gnntnanntt cantatanat acaagctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg aggctggtgt tagggttctt tgtttttggg gtttggcaga gatgtgttta 120
 agtgctgtgg ccagaagcgg ggggaggggg tttggtggaa attttttgtt atgatgtctg 180
 tgtggaaagc ggctgtgcag acnttcaatt gttattaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa aaaaanaaaaa aaaaaaaaaa aaacntcggc ntttaaannt ttaggnngtc 300
 gtnttacnta antcngacn tnatannatc cnttgtnaat tttggncaan ccncacctna 360
 atgcacggaa aaaantgctt tatttgtnaa atttgngatn ctatncttta ttngnancct 420
 ttntaanctg caataancaa gttanacaac ncaattgcat tcatttnatg ttccaggttc 480
 aggggnaggt ntgggnaggt ttttaattcg cggccgcggc nccaatgcnt tggncgccgn 540
 ncccantttt gttcccttta ntgagggtta attgcc 576

<210> 4067
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4067
 nngnnnnnnt tttanancag ctctngttct ttttgcagga tcccatcgat tcgaattcgg 60
 cacgagactg aatgggctgt atctggggaa tcaagggtatt aggggtgagc aaaagcaaga 120
 ggaagtagag catttgatct cttttccctt gattagggtg aggacaataa agtctcattc 180
 tctcccttnt tcccatgggc agccttatat atgattgaag aacattantg cananattcc 240
 tcatccnnaa ataaactctn gtacttntat actaattaaa gattcatgtn aattactaan 300
 ttcttggaag actatggaga actctgtggg ggctgtgnatt cacactttan tatgaattgg 360
 nttaatgacn actgtnatat tggctacata aagaaatgga cgtttttatt tgggggttagg 420
 ggatcacaga tgtggactgg cttaggtaga atgggtccctg agcnaaggag atattgaagn 480
 ttatgaggat gtgcaagata agcagattta cttttgcatt ttattttggg ctatctcagc 540
 ttcttttact agaagctcat gcctataatc ccagcacctt gngaggccaa ggcaggagga 600
 ttgctttgaa gccaggggtt cgagatcann ctgggcacaa anccagaccc tgactntcca 660
 aggangattc aaagatttct gatggngaaa acctcggcct ntaaactatt ggggtcgttt 720
 acggngatcc nganatgata anancatttt ngagtttggc caaacccac n 771

<210> 4068
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4068
 ggnnnnnnngn nnnnnncngn ancancactc gnnagnaaag cccttcccan cgactcgaat 60
 tcggcacgag ccacctggt gctcctccct ctccctggta ccctgactac caggaagtnt 120
 tgtgctagag cagctggaga agtgaggga gctgtgctt ccacagatgg ggggtgctgct 180

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gcaacaaggc tttcaatgtg cccatcttag gtgggagaag ctagatcctg tgcagcagcc 240
tggttaagtc tgaggagggt ccattgctct tcctgctgct gtcccttgct tctcaacggt 300
ggctcgctct acagtctaga gcacatgcag ctaacttggt cctctgctta tgcagtaggg 360
ttaaattaac aaccataacc ttcatttgaa gttcaaagggt gtattcagga tcctcaaagc 420
attttaacct tgccgcttaa aacccaattt accgtgaaat ggggaatttg ctgcattgtt 480
aaactgtagt ggaaccatg ctatagtaat aaagggtata taagagagaa attgaaatta 540
aatgtgtttt taaatttcaa aaaaaaatca atcttttagga tgactnaaaa attgatttgc 600
catgtaaaaat gtatctgcat tttttacaca aaacttgntt taaagcataa aaattttaaaa 660
ctgnnctctt ggatgtatta tacattttga accatatgta ttaaaccata aacagtntaa 720
tggtgggtata ataaaacagg cattaatttn ttaataaaaa aaaaaaaaaa actcggcctt 780
taaactt 787

```

<210> 4069

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4069

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ngnnntntna tancagctct ngttntttat gcaggatccc atcgattcga attcggcacg 60
aggtccatta caccgccagc agcaatgtct tcctcggcca tggcagtggt tcacgggtgc 120
agcagtgcaa tgtcttcctc agccacgggt gtgggtcatg ggtgcagcag tgcaagacct 180
tcctcagcca tggcagtggt tcacaggtgt agcagtacaa tgcccttcctt ggctatggcg 240
gtgggtcacg gacgcagctg aatcttgaac acacctgagc ctctgcctcc acgtgacttg 300
gcggtagcaa ggaatgaaca cagttatctt ttttaacaaa attttagatc atgatctcgc 360
tgtactcgtt gacagtattc aggtacttgt tgaagaatta atctctgctc ttctctgaag 420
tctgatttaa tcaccccact cagctgccag tgaaattggg ggtcatccat cgcctctcgg 480
atgtggctgg ctgtggctct tctgaaaagt ttctttcttc tgccttggtt ccatatttag 540
ggggaaatca gcaagattct agagtatgta tgtgggctgg gtgcaagtgg ctcatgccta 600
taatnccagc actctgggag gcttaagcgg gtggatcacc cnangccngg aatttggaga 660
acagtgtggg gcaacatant gagaccttgt ctnttccaaa ttaataant taattnnncn 720
gggaaannnn nnnnngnnnn ntntnnnnnnn nnnnnnnnnn ntntnnnnnnn nnannnnnnn 780
nnnnnnntna nntanaact 799

```

<210> 4070

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4070

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ggnnntttta tcagctcttg tttttntgca ggatcccatc gattcgaatt cggcacgagg 60
atatgcttta gaattaagggt gagtggtatt atctctagtt tgagacaaaag agaagcgaag 120
taacaaaagg ccacataagt gataaatagt ggacctggag tttaaacctg ggatccccac 180
ctaaatcaga aatacaaaaat caaccacttt tttgatgatc caggtctat gtatatttat 240
tacatgtatg tatatatgta tatatatatg catgtgtata tatgtacata catacatata 300
gatgtgcttg tactagtgtt tttcccacca gatagttagc ctttcttctc cccttgctca 360
cttttttttt tttttttttg agatgaagtc tcactcttgt cccccaggct agagtggaaat 420

```

```

ggcagcatct cggctcactg taacctccgc ctctggggtt caagtgattc tctgacctca 480
gcctcccgag tagctgggat tacaggtacc tgccaccacg cctgggctaatt ttttgtatct 540
tcaatagaga cagggtttca ccatgttggc caggatgggc ttgaactcct gcctcagggg 600
gatecccccg cctcggntcc ccaaagtgcg gggattacag gcatgancca ctgnaccac 660
ccaaggggna aaacttttat ttagaaaaaa cttaactttc actcgtaga aaaacnggtt 720
ttgaataatc taatttttaa aaatgcatta actatgtctt atnttggctn acacatttta 780
attgn 785

```

<210> 4071

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 4071

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ttnaaccagc tcttgtcttt gcggatccct cgattcgaat tcggcacgag gaggaagtga 60
gattgtgcat gacatacttc tcctttgtat tctctcagtg ccttacagca ggttactcca 120
ttctgctatg acaacttggt tcaaagtta atttacatag gattttttat aagccattaa 180
ggcatatgta tagtatatca gtaaagatgg atggtgcata tataaatagt cttctgtaat 240
agtgattgga tttacttctc aattatgaga gacaaaaatt atcccctcac ctgtctctat 300
tctttcaaca ggttgatccc ttttcattat ttttcattag gtgggttcagg aagtttccat 360
attacagcgc ttcagactgt atatgttagt ttaaaaatca cttttctctc tctcaacttc 420
tttctttttt ttttgaagac ttaatttaaa aaatttgggt tgtagatcc gtatcataga 480
tttgacctag cctcttctgt taacctagtc cacagatgag cgaatctggt tagttgaagg 540
acattgtgat ttgactctgg tcacgcgagg aagtagaagg gcaaagacag gaccggcagt 600
ttacatttcc agtggttaaa cctcacggga ctttgggacc tgcttggtaa ctttttgggg 660
gtggtctgga ggccaatcta acctggacca ttttctggnc cctcaacaa gagagaggga 720
aagcaacctt gggccaatga ggagtaaaaa taaccttggg ctttcagaga tttgaagaat 780
agaagaactt ct 792

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<210> 4072

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 4072

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tgnnatctat gctggctctc gttcttttgc aggatccctc gattcgaatt cggcacgagc 60
acacttgagc ctcatacaaa ctttttccca ggctattgtc tgttcttcaa gccattcac 120
ctcccctaaa aatcatgtat tcttctcaa aaattgncta ttatcttcca ctccctttc 180
ccccatgaaa agtggtgagg cttattctga gccaatatga gtgacctagg cctgagaacc 240
caatatgagt gacctaggcc tgagaacct ctcaagagct cctcaacag ttgtgactga 300
gcttgctcang ttgcagtttg gttttatata ttctagggag acaggaatta taggtaaaat 360
cataaatcta tatntagaan gtntacattg gttcagccta aaggggtggg atatcttgaa 420
ggcanggtgg aggggatgct tacagatcat angnnaattc aaagattttc tgattggcag 480
ttggntgaaa gagttaagtt ttgtctaaan acttgaagtc antagaaaca aaaatgcttg 540
agtaaagata aggggggtng cgagggccaa ngtttttggg atgttnnatga agcttcatag 600
atcacagnct tnnagagagna tagaagataa atgtctcttt tcagacttta aaaggttcag 660

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actctcaggt	taatctcttc	tagatccang	aaaagcctcc	aaaagaaaag	gcctgactcc	720
cattaatggg	ggattcttnt	tacaanaatg	caaaatttnc	ccccacaaaa	nnatggcttt	780
tnccagaacc	ccatttcaaa	at				802

<210> 4073

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (887)

<223> n = A,T,C or G

<400> 4073

ntntatnnag	ctcttntctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagactgg	60
ttaaatagcc	cttgatgact	tttcatgtgg	catgagaggg	atatgcttat	aaagcttaat	120
tctgatatta	tcctcttact	acctacagta	tgttttgcaa	aatcagtc	acttagcaaa	180
ctaactctttg	taaagcagtc	agtttcagaa	gatacttttt	atcaaaaaag	atggcagggtt	240
taacattata	ccttttggtt	tttgcaccaac	atttgattta	atctaaagca	agaatataaa	300
ataatttttaa	gaagcatata	atttcttttg	ataaaaaagta	acaaaaat	aatgcagatc	360
aaagaccaag	gcttgtaacc	aaaacaagca	aaaagaaact	ttagctgttt	aactatcacc	420
tctctaattt	aaaatgcatg	aaaattaata	ctttgttttt	gttttttttt	ggaaacagtc	480
tcactctgtc	accaggtg	gaggtcgag	tgagctgaga	tcctgccact	gactccaacc	540
tgggggtaac	agagcgagac	tctgtcttca	aaaaaaaaaa	aaaggtgtna	tttggaatg	600
gaaaaatctan	ggtaaaggga	agctttnaaa	aatgttggtta	ttttttttcc	ctggnaaata	660
aaaccttttt	attggaat	aaatggncct	ttgggnaaaa	aagggaacntc	caccattgga	720
aaaaaggng	ggcctttttt	tattnttttt	tggggtaggg	ggaatnaaaa	aacccccctt	780
tgggccccnt	tttnaaatan	ccccnttngn	cccaaaat	ggaaaagccc	aatttttttt	840
ttaaaatgga	anggggttta	ccctgggnaa	atttgggttt	taaaann		887

<210> 4074

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4074

ggnnnnnnncg	nnnatataga	ccagctcttg	ttnttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	agtatttgct	ggtgcattgg	agagtttcac	gtaattcttg	tgcagattca	120
gcaagagagt	ttgccggcat	gctttgcaca	gcccctggta	cccagtaagg	cgattattag	180
cattggtgct	tgctggaatc	agatattcca	gaatattctg	tcacagctca	tcgntgccct	240
cttcttttct	gtgggtaaac	tgaggcagaa	actcaggctg	ggtggaactc	tgcagectca	300
gctggagacc	tcgtctggcc	aaggactgtg	gggacacagg	ccctntaggc	tgccacctca	360
tgggtcccagc	atgagggcac	cagaactgca	cagaaagtct	cactacccaa	gtgtctgagc	420
caggccagac	tgtgctagcc	agacctgcc	ggggttcatt	cactgacctt	tattgagcac	480
ctactgtatg	cccagcccca	aacctggctc	tgctcatgga	aaagaacttc	agtggaaaca	540
ggtcctggga	tgaacaangg	cctggcctgg	cctggtgatg	ccactatttc	tttaaaggagg	600
gagagtggac	aattcccggga	tttattgtca	ggggggagggt	cttcattttc	ttgctggtnn	660
taaccanaaa	taccacaag	acttggggtc	nttttttagaa	aaccatttag	aaaactngan	720
ttttcgtacc	ttgtttctag	aagggttggg	gaaagtcccc	nngaatacaag	ggtggccnag	780
ccagggnntnt	gggttgtcct	gngagggggc	cactanattt	gggnttccaa	agaanggggc	840

ccccctccttt t

851

<210> 4075

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 4075

tatncnagct	ctcgttcttt	tgcaggatcc	catcgattcg	tcttgactga	ggttcccatc	60
tttcttantt	ctcttaagga	tgtgctattc	tattctagat	gcataggagg	gaagntaatc	120
cagncttaga	tcancagggc	tgngttcttt	ctcagaacca	taccnaaaa	agcctnanta	180
gaatttttagg	aaagttctat	ttagaaagaa	actaagaatt	atgattaagt	tttggcctaa	240
gcaacttaat	angcagnggt	atcattttatt	gngaagcaaa	tnacataaga	agcangttnt	300
ggggccttggg	aggaggtaag	ggcngaaaagt	tngntattnt	tttttaaacn	tgtntaatnt	360
gagacacctg	ctagatatcc	tantnaaatg	tcatagacac	ntnaatggtn	cacaactttg	420
aaactcagag	agaggtcann	gctggatata	aacagntggg	agtcaancnt	attttatatt	480
atttaaatcc	anaagactgg	atacggcaag	ttnggaggga	gtttcaatgg	anaancaaaa	540
tttttgactc	tgnngcactt	aaacatttaa	agntctgata	aataggagag	ggcccancaa	600
agggaatttt	gaaagaacca	atcattttacg	gtanggagga	aaaaacttag	aagggggata	660
aatatcttca	aaaaatcaaa	aaaatttaatt	ggcntttttc	aaagaaaaat	nnaggnggnt	720
tancccccctg	tggttttaaag	gngnggttaa	agtattcacc	ttggaanaaa	nanggttcaa	780
angggcaaag	aaggcccaan	ngggggccct	ttttttaaag	naaacttttt	tcccn	836

<210> 4076

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 4076

nmntnttttn	antacacgct	ctngttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
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aggtnagat	agggancact	ggagaagaan	acctcanagt	gaggcacagg	aagaggtgtg	180
aangggaaaa	gaagtggcan	atgtnacgga	agagcccctg	nccatgagag	anantggngg	240
gantggnaag	gaagggaagt	tatggggcat	gggncacata	gcacacaaca	cnacagtaag	300
gctagagata	tnaaanaaac	aatgattctg	agctncataa	gtagcnatct	cncgcttaat	360
agacataggg	ngtanctgtg	acatggcgtn	anctacagna	ctggacatna	tcaccctttt	420
ntaggaagg	agggatgcct	gcagnggcct	aactccanca	ngttatcatg	tgctatggaa	480
gtnctgnnca	caatggnggc	cnccantcat	gtgtccaacn	ttaaataagn	ctgtcgtngc	540
tnaggaccta	nmntgnaatc	ttaatttcat	tttaaaaatnt	aaatnttccg	naatggangc	600
tcaaggctng	cttctttttt	ggaaagtgtc	ngaactgaat	tgaaaccggn	ttnnaaaaaa	660
aggattagta	nccctggtn	tttccccttg	tncgggggca	ttaaagtntc	tttaanccct	720
gggaccntc	cccggtnggg	ncccnttnna	aaacncccaa	aatcccattg	gccccatttg	780
nattttttta	aaacaatttt	tnaangntag	naantntttt	gaaaaaaaaa	tgggaatttg	840
gggggncccn	nt					852

<210> 4077

<211> 897
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(897)
 <223> n = A,T,C or G

<400> 4077

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ctncanagat	tattttaatag	tttcaataat	atctaataat	gtgtgggaaa	ccgtaaaatt	180
tttcatacaa	actgggacaa	atgaacatgc	atactattaa	aanactncct	acaatacggc	240
ataaaaanggg	ctttcttagg	ngaaccagga	ggtatagnca	gcctaatacat	nngctatgan	300
tattagtnat	ggagggctgt	gttttatcac	tcatatatgg	aaatcttttt	tgaatgacta	360
ctctggaaat	gacgactgaa	tctcatactg	tgtacacacn	tnatcanagg	acacttaatt	420
gnattnanna	anatantttt	gaacttacct	tgngttagag	ggncagagag	gttcatnadc	480
canaaaaatt	atnatgtggg	gctttnttcc	tttgggaaan	tgaccgntca	cacnncaggg	540
catgtgtttc	ttctnatacc	ttcaccccan	ggggcncctt	ctcttttnana	aaaannnggn	600
gncatgaaan	ntntatnatt	cttnccectn	cccnagtncn	ttgntnttgc	ttaaggnttc	660
nncnnantg	ncaaggttna	naaanngaaa	aaaagaatnn	tgggnaaagg	caattntcac	720
aaacttntaa	aaagccgggn	atcntttgnt	ntngggtaaa	netccccnnn	cctantttta	780
anatnntnnn	cnnetccggg	gggggatatt	nnnnggggcn	ntntaanncn	nnnnnanann	840
nnaagngatn	ggnggngccc	aannccaacg	anntntttnt	aaaanagngt	aaaagcn	897

<210> 4078
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4078

ngnnnnnttg	gatanacagct	acnggtnaat	ttacttctctg	caacgncccg	aatncggcac	60
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tacactgtgc	cacttgcgtc	cctttgattg	caaatacaaa	gttaattttc	aaaaaggaaa	180
aacaaaaacag	ctctttttcc	taaaacacat	gttgtacttc	agacctaaaa	ttctaagtct	240
tatttgtttc	tcacccatga	gtagatttta	ggtaatagta	ttagtagagt	ccttagagaa	300
tcttaagagg	tcatttactc	cacctctttc	attttaaatt	ggggtatcca	aagcctgaag	360
aggtggcctg	gccaatattg	accaagggtat	aactaaatat	gagctagcat	cttcttcctt	420
cttctcgcta	tcccttggct	ttaaaagatt	tagtacatga	agaataatgc	attagcaaaa	480
agctcctagt	ttgtgtttcc	cctttgtgtc	tccctgttgg	ctttctgaga	caacctgaat	540
tttgccaaca	aaatatcgca	gagggattta	tattaattat	tttttagtta	gatgaatatt	600
atattcttcc	catccaaagt	gagtgatattg	ctaggtttgg	ttagggaggg	aaaaagcaag	660
aataatgtga	gaagaatcta	aatgcgaagt	tgattttgtg	tggnaaactg	gttattagtt	720
ccatcaggaa	tttctgnttt	tattttttga	gctattgaga	agtgcacgca	gatttgaaaa	780
attagg						786

<210> 4079
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 4079
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 gaattcggca cgagggcagc agcagcagca gcagcagtgg tggaaacgagg aggtggagaa 120
 ttgagagcac gatgcataca caggtgtttc tgagtagtaa ttagatcgct gtgaaggaaa 180
 aagcacacct ttgagttttc acctgtgaac actatagcgc tgagagagac agtctgaaag 240
 cagaggaaga catcgatcag taacaccaag agacaccaa gttgaaagtt ttgttttctt 300
 tccctctgtt ttatttttcc cccgtgtgtc cctactatgg tcagaaagcc tgttgtgtcc 360
 accatctcca aaggaggtta cctgcaggga aatgttaacg ggaggctgcc tccctgggc 420
 aacaaggagc cacctgggca ggagaaagtg cagctgaaga ggaaagtcac ttactgagg 480
 ggagtctcca ttatcattgg caccatcatt ggagcaggaa tcttcatctc tccaaagggc 540
 gtgctccaaa acacgggcag cgtgggcatg tcttttgacc atctggacgg tgtgtggggt 600
 cctgtcacta tttggagctt tgtcttatgc tgaattggga acaactataa agaaatctgg 660
 aggtcattac acatatatatt tgggaagtct tttgggtccat taccagcttt ttgtaccaat 720
 ctngggtggn actnctcata atacgccctg cagctactgn tnggatatnc ctggcatttg 780
 gaaccctacc atttttggaa 800

<210> 4080
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4080
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 gagcttgctt gaaatacaga atgtccagat ctactgagtc agaatttaca ttttcaaaag 120
 cttectacgt gactcatgca tattaagtt tgggaagcac tgacttagat taccttttga 180
 gaattccaga tgggtcagaa accagacaga aatactcagt agtgagaagc tatggtgtat 240
 cagaagctgt taggcatttc atggttttgt agtgagcaag acagatagtt ttctgtatt 300
 cagcgactta gtctagagag agacaggatg gaattaagtg ttaggtgtct agccaaaagt 360
 aaagattcgt agaaaacaag ggttcatatc ccagtcatac aagtgataaa tttccctgc 420
 ttaacattta gattaaaaag taataattag gccaggtgtg gtggctcaca cctgtaatcc 480
 cagcactttt ggaggctgag gtggacagat cacttgagct caggaattcg agaccagcct 540
 gggcaacatg gtgaaacccc atctntacaa aaaataccaa agtcnggcac ggttggttgt 600
 gtgtgcctgt ggttccagct acaccggang cagangcagg agaatacatt gagcctggga 660
 ngcaaangtt gcaatgagcc aanattgggt ctttggactc tagccctggg cgacanggag 720
 tgaaacagtc ttcaaaaaaa aaagcctnta aaactatagt gagtcgttta cgtngatcca 780
 gacn 784

<210> 4081
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4081

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gagcttggat	gtatgtttta	atatgtatac	cttataatcc	tgcctctagc	caaatgctat	120
gtttgcaaaa	tgtggcatct	gttagttttt	attgtctgtg	tcttctttgt	ttactatacc	180
ttgggtaatt	ttgtgttacc	aaaaaaaaaa	aaaaggaagt	gtaatgtcag	acacacaaga	240
aaagcaaata	agtgtttgta	gcttaaagta	caatttcaaa	ggtcattacc	aacagcaggg	300
ttttttttat	actttaaaaa	cattatgcta	catatcattg	ccattttcat	attttggggg	360
tttgctactc	ttatacaatg	gaatcaatgg	aatgtctatc	cagccactga	attgccatta	420
ttatatctaa	aaagtttcta	agatgacagt	tatcactatt	ttgttttatc	tccatgctga	480
catttgaaag	aaggtctagt	atccctctag	ccagattgct	tagtttttcg	ttggtaatca	540
aacaacagtt	gtactaaagg	aaagtaaagc	taggacctaa	atcagaatca	tagttgcctg	600
catatatggg	aacaaggncg	tgtgcatttg	ctttcacagt	gatgagtga	aggatgagaa	660
naaattattt	gacatttttc	ttgtgggtga	atagaanaca	cctttctttt	gtctttaggg	720
ttanggnnga	gatactaaaa	aaacctggga	tgtttatcct	atcttaaatt	nggggtggag	780
taataaaaaa						790

<210> 4082

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4082

ntatnctggc	tactngttct	ttntgcagga	tcccatcgat	tgaattcgg	cacgaggttg	60
gttgtaact	ttgcattata	ccaccactt	gtaatatctc	tgccttgaag	aggaaaaacc	120
aggaacattt	cctagaatcc	ccttcccgtt	atgatcccaa	gttaggatat	gccagtgaga	180
gggtgctgtt	tagtcccttt	tgcctgctgt	gacaaaatga	cacagactgg	gtagcttata	240
aacaacagaa	atttatattc	cacacttctg	gaggctggaa	agtccaagat	cagggtattg	300
gtagattctg	tgtctggtga	gggctcattt	tctgattcat	cgatggcacc	ttctcagggg	360
tcctcacatg	cgggaattgat	aacgcagatc	tctgggatct	ctttttataag	ggcactaatc	420
ccattcatga	gggttctgcc	ttcataatct	aaccacctat	caaaggcccc	atttctagta	480
ccgttacctt	aggggttagg	atttcaacat	gacctctggg	gagatacatt	cagcccatag	540
caggtaacta	caatagaata	agaaggcaaa	gcaaggaagc	ttttattctc	aggatgtggg	600
aaagcatcac	ccacttctcc	agtaagttgt	ggncgttttc	aattttctcaa	tttcttcacc	660
agcttccact	tttgcagttg	tgtcagccaa	tcaacgacag	ctttccaaaa	nttccgtgca	720
agtgcctgct	tttganggca	aaggnggnca	taaaatngga	agcttcttca	ggctccttcc	780
acaatctn						788

<210> 4083

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(889)

<223> n = A,T,C or G

<400> 4083

ggnnnnnnnan	ngnnntttta	atncttgcta	ctcgttctnt	ntgcaggatc	ccatcgattc	60
gaattcggca	cgaggaggaa	gcatatacca	cagaacattg	gctggtcagg	atatacaagg	120
taaaggacct	ggataatcga	ggcttgtcaa	ggacataaat	gtnacgtcca	gctctnatat	180

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gcttcgcact gagcacatca catttaggac gttgaagatt tttttttttt ttttaatatg      240
cannttgtaa gaacaaaact ggatggcatc anaattgnct ggaagttttg tcttgggcca      300
aatgaaatga tttttataat tctaaacagg ttaccaaagt aaatgtcatg gctttacttt      360
ggtcaattaa agggggggaat tttttttaaa aaantgaaat gctnacactt atntctgnaa      420
antatatnga aaatgnatac cntggngcct attgangntt ttggnggggtc antttcnnt      480
taccnncn ccaantnga aactttnttn nttttggnc atcccacccc ttttgcnnng      540
gcnnttaant nacaaanttg ctttttttce cntnaangtn tgggaaaaaa nactttntcc      600
ttnttntttt aacccctttt cnccccngng gtttcttgnt taaaaanntt cctntnttaa      660
aaatagncaa ctcttttntt ttnttttnaa nggntacca naaaaaaaaa aatagggggg      720
ggtttntaaa anatgggatt ggcccnncn acngggaacc caattgggnt cccttnnaat      780
aaaacctttt ttttnccaan atnaangggg gcctttttcg cntcnantnn ngcggcttan      840
aaaaggggcn ntancccggt gtttcttttn gggnaaatcg cancccttc      889

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<210> 4084

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4084

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agcgcggggg cgcctatggc gagctgcanc agctccgggt gcaggaggcg gtggagtcca      180
tggtgaagag tctggaaaga gagaacatcc ggaagatgca ggggtctcatg ttccggtgca      240
gcgccagctg ttgtgaggac agccaggcct ccatgaagca ggtgcaccag tgcacgagc      300
gctgccatgt gcctctggct caagcccagg ctttgggtcac cagtgaagctg gagaagttcc      360
aggaccgcct ggcccgggtg accatgcatt gcaacgacaa agccaaagat tcaatagatg      420
ctgggagtaa ggagcttcag gtgaagcaca gctggacagt tgtgtgacca agtgtgtgga      480
tgaccacatg cacctcatcc caactatgac caanaagatg aaggaggctc tcttatcaat      540
tggaataata aagtttttgc cagtggccat caagggtctg agggcaagaa tatattttt      600
attagggaaa aaaaaaaaaa agcctnttng aacttttagt gagttcgtat tacgtanaat      660
nccagacatt gataaggata catttgattg aggtttggga ccaaacacaa accttggaat      720
tgccagnngg aaaaaaaatg cttttttttt gtgnaaaatt tngngaattg ctatttgggt      780
tttanttggg aaaccaatta ttaagcttgc aaataaaaca aggttnan      828

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<210> 4085

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4085

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ggttactttt tttctcacac aaaggaaaaa agagactatc ttagggaaa cactgcttta      120
aatcatcttc ctgaatatt aattctctgt tgcctctcc aaaaatggag aaaataatcc      180
ctaccctcat aggttatta taaggetcaa ttatgataat ggtgtgaaaa ctttgaaaat      240
tagacttcag agaaattgag ttaatctggg attatttatc aatgtcttag taaccaaag      300
tttaaaatgt gttttgtcta ccaactgggt gcatgtacat ggttaatcca aaaggctcag      360

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cttttcagca aatggaaaaa gattaacttc tttatggatc acattatgag atgaaacaca 420
tttcattcta gctgctgaaa aaatagcaac atgtttttga aaccattgtg attttgtatt 480
gcagtcacta aaacatcaaa tatatcattt ttatgttaaa gtgccctaat ttgtgttggt 540
acataaaaact tggagtacct tggccaaata gaagaaatta atgtgccgcg tgtctgtttt 600
aaaagaatga aatctgagcc cagtgtgang ctcatgcctg taatcccacc cctttgggag 660
gcttgaggca nggaaaaatg cttgagtnca ngagttggag accancccgg ccacatangg 720
agaccttttc tnttccaaaa aattaaaaaa ttgnccgnca tggggggccc atgccgtgta 780
ggncccnct 789

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<210> 4086

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4086

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gaaacagtct atacatgttc agtacagatg cagccatcca ttttcttgtc caaatatttt 120
ttatctccag ttggttgaat ccattgatgc agaaaccacg gatacggaga gctgactctg 180
tgtgtgtgtg tgtatactca ccaattcttt atttattcaa caaatattta ttgaatttct 240
actatgtgtg aagcatagtt cacgatcctg gggatatagt agacaagctc cttgccttat 300
tgagctcaca ttcttatggg gaagggcagg ttccagggcct tctcagatct ttgctgggca 360
tgcacacagc cctgtgcata tgcctgtttg tggattccca caatgagctg aagcttttca 420
aagctcctag ggacgtacca ttctctggct tttccttttg agcttttaggt tagccttttg 480
tttgccttaa tatcaccac tactcaggca ggaatgaagt caaacaattg tcttgaaata 540
ttttcaataa atgcctctgg agaaaagggt ttttattttt ttagccctgg ataagatcct 600
ggttagggta aataaangca gccttgcaag tgggggcttt ccnggaagca ccagacagac 660
aaataactac agtccatgag aatgaacttt gaagggctct naccctattc tgccttatta 720
agggntggca ngntcctggg ggtcancaag atgggggact ggttggtctt caagn 775

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<210> 4087

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4087

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cggggcagag agcggcctcc gagggtcacc tgaatgggtg agcatggacc ctgttgctac 180
ccacagctgc catctgctcc agcaactgca tgagcagcga atccaaggcc tgctttgtga 240
ctgtatgttg gtggtaaaag gagtctgctt taaagcgcat aagaatgtcc tggcagcatt 300
cagccagtat tttaggtggg tatttttagac ttcatctccc tagctgtgaa ttaagggtaa 360
agctctttta gtatggaagt attcatattt tgttctcctt ggatttcact atctttatct 420
tttatagcac attggatttt gtaggagttg ttttaatttt taagtttggt aaccattttt 480
attatttttg cttttgngtt tagagtaacc tgaaaagaaa agaggctctt aagtaaaatg 540
aatttgggat gactgaaagt attttgggtg ntgggctttc attttactaa ttctggctaa 600
tgtcannctt ctacatatat ttcttatcct ttcaagaaaa aatgatgggg gaattaaatt 660

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nccngtcana aattttnttg tgataanaaa tcaggggaaa aacatatttg ggggtggant 720
 tctttntttt tttcttaant aaannnttta nttttggntn tnattnnaaa 770

<210> 4088

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4088

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atagtataa	tatcatactt	ggttggttagg	cttggttgctt	ccccacatca	gaggcatcta	180
atgattttatc	ttttgtaatt	gctgtgaact	tttttaaaata	agccatttag	tgtgaaattg	240
tcatgtatca	aatggctatt	ggaaatggac	tttactcaat	tttaattcca	ctgtaaataa	300
ggacggagtc	attcctacaa	ggctctcttc	agagaaatag	attaaaagtc	caatttccag	360
gtattattag	tatagttatg	ccgctgggcc	acatcctcaa	caacagctga	tccctcttgt	420
ataaatatgt	taactgtgca	gaacagttat	gttatgggac	aaatataatg	gtcattatgg	480
tcagattggt	tgatgccaca	ccagtcaagg	tagagtctga	tagggcagta	tcttaataac	540
cctcccatga	cttaactgtt	ggatttgaaa	ggaaaacgta	ggatttgctc	ttgnccctt	600
ccccacaaa	attttgataa	tttgtttaaa	aagggagang	cngaggaaaa	gactngaacc	660
ttaaatngct	gctttanggt	ttgccagang	cccatactta	acattagtct	ttaaaattcg	720
anggtatttt	actaatgnaa	ttaatcaaca	gagcccnag	gantttttta	tggg	774

<210> 4089

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4089

nnnnnnnnnn	nttntatana	tacagctact	tgttcttttt	gcaggatccc	atcgattcgc	60
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aataaaaata	aaataaaaata	tgaaataaaa	taaaagccat	gggaaaagg	tagggtttga	180
ttgctaataa	gaaatttctt	ggaaaagaga	ctagctctct	tttggttttc	caaagtccac	240
attttataac	attttttagtg	cttggtgttt	gcttggtgta	ttacattaga	taaaaatgta	300
tcacagtgtt	ggtttatact	ggatgtttta	ataggattca	ttgaaagggg	tgtgttttct	360
ttctgaggaa	tacttactca	gcattttctt	cagaaagtta	cttgctgcta	atcctttatg	420
gaggctctag	gggaacatca	ttttcttgcc	ttttccagct	tctacaggct	gtccacatcc	480
tcagctagt	gccccttttc	atcctttttt	tttttcttga	attatgagat	tttttgact	540
ttgagttctg	ggatacatgt	gcagaacgtg	cagggttgct	acataggtat	acaagtgcc	600
tggtgggttg	ctgtacccat	caacctgtca	tctacattag	gtatttctcc	taatgctatc	660
ccacccttag	ccccttacc	cctnacagtc	cccggtgtga	tgttccctc	ctgtgtccat	720
gtgtgctcat	tgggtcaactn	ccacttatga	ntgagaacat	gcannnggtg	ggntttctgg	780
tctgngtgga	agttgctgan	aatgatggnt	tccagcttta	ttcatgtcct	gcaaaggaca	840
tgaa						844

<210> 4090

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4090
 gnccttttga aatcccttnt aacncaaacg cttggcaaac nccctttctn cangcancce 60
 ntgcgntncg aattcggcac gaggccaaat gccggaattt aaaacctggc ttntaaaaag 120
 aatgattttg aacaaggcga attatatattg agagaaaagt ttgaaaattc aattgaatcc 180
 ctaagattat ttaaaaaatga tcctttgttc ttcaaacctg gtagtcagtt tttgtattca 240
 acttttggct ataccctact ggcagccata gtagagagag cttcaggatg taaatatttg 300
 gactatatgc agaaaatatt ccatgacttg gatatgctga cgactgtgca ggaagaaaac 360
 gagccagtga tttaacaatag agcaagattt tatgtttaca ataaaaagaa acgtcttgct 420
 aacacacctt acgtggataa ctectataaa tgggctgggtg gtggatttct gtctacagtg 480
 ggtgaccttc tgaaatttgg gaatgtaatg ctttatgggt accaagttgg gctgtttaag 540
 aactcaaatg aaaatctttt acctggatac ctcaaaccag aaacaatggg tatgatgtgg 600
 accccagtc ctaacacaga gatgtcttgg gataaagagg gtaaatatgc caatggcgtg 660
 ggggtgttgg gaaaagaaca aacgtatggg tccgtgtaga aagcaacggc attatgcttc 720
 acatactgga ngggcantgg gtgccagtag tgcctctgga tcctcctgaa aantgg 776

<210> 4091
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4091
 ngttttaaan atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
 gaggaatgga gttccacctg ggctgtttta ttaactattt gcccctccgt ttcttcatct 120
 gtaaaaacaga aatgataacc ttactattaa ttgtgtgacc ttggacaagt tacaacatct 180
 ccctgggagc gattgtccca tctgaaggctc ataatagcac ctgccacaga ggatggtagt 240
 aaggattaaa ttagttaatc catgtaaatt acctaggtaa gtgcctgcca tatagcaagt 300
 gcttggtagt tttttttaaa aatcactggg atgactattg cagacacctt tgccatgatt 360
 ggaatagctg gaatccaaac tcaagccttc catttccagg gttctggctg gtgtggggct 420
 gacagacctg gatggggatt cccagctctg cctctcttca gctgagcaag tcaactggaac 480
 ctctctgagc tgcattctgt tcagctgtaa aataatagtt tgtactttgc aggggtgttg 540
 taaggcaatg gtctccagcc tttttggcac cagggaccag ttttggggga agaaaatttt 600
 tncatggaca gggntgctna aggggatgtt ttnaagctcc catgaggatt taatgcggcc 660
 ggccccggng gcttaccctt gtaatccaa nacttttgga agcccaagtg ngccggatcc 720
 ccaggtcagg gaaacgagac cntcctggta acatggggaa ac 762

<210> 4092
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4092

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ngtcatttgn tngatacagg ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgaggag gagttaaatt ttgaagctct ttgagaaagg taccttttct taacatgttt      120
taaaaataaa aatacaatgg cttattttaa atgtccctat gcatggtgaa atgttaaata      180
ccaagtggat gaatggttct caaatatatt gtaatggaga attattcaca tgcattctatt      240
gtttaaacta ataagtaaaa tagacttctt ttttctgttc tgttttaa atgtgactaaa      300
attacctgct tgtgggttagc atgggctgga cagtttattg atttttcaga agaattgcttg      360
gctttgggtt tttggcaata gggagcctgc agcaaattat ttcatttgac aaaaaagagt      420
tattttaatc ctatttgaat gtatgctatc tcctttaccc tcccatctt atgataaaaag      480
gtctctcttt tttctcttcc aggtttgcag ctaaaactgt gcacagtggg tcattgatgc      540
tagtcacagt ggaactgaag gaaggctcta cagccactt atcataaaca ctgagaaaac      600
tgtgattggc tctgttctgc tgcgggaact gaacctgtcc tgtctcangg gtaacctgct      660
tacatctgga ctttanaatc tggcacacaa caaaagtgcc tggcatcact actgntgcct      720
ttcatttata ataatagccc ttcctcttgc agtgggggta ga                          762

```

<210> 4093

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 4093

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ggnnnnnnngt ctttcaaant ctaggctact ngttctttnt gcaggatccc atcgattcgc      60
tcaagtncca ncacaccggc gccgtcctgg actngcctt ctacgatcca acgcatgcct      120
gnagtggagg actagatcat canttganaa tgcttgatnt gaacactgnt cnagaaaatn      180
tngtngggac acatgatgcc cnnntnanat gtgnngnata ctgtccaaan ctgaatntna      240
tggtcncctg natntngnnt cagncnnata aactgcngga tcnnncanct tctngnaatn      300
cnnggaccnn nnctnngccn gaatangtgt atacentctc nangtcttgg agaccgncng      360
gttgtgggna cngcaagnct gccnnngntt actnccatnt tangccaaca tgggtatncc      420
antcttggtg gngatanacc atcctgccnt accngacttg atgngttcga gnntnngcaa      480
actnnnnngg cttggnatta agctgnttag aangccaagn nnattctgan aatntggacc      540
tgngccttng ggccataaaa aagcgnatgn cnntttctnn ggccaaacna tgataacctg      600
attnccatcg atttcacct tganaatggc ttcannntna aactnaatac ncaantnntt      660
atcntcaang nggaccgna acgcttngng aanctttttg gggggnnncan tnttgcaaaa      720
cnngaaangt gccattttaa anccaaactc gcaattngnc aanttnantt caattgcctn      780
gaataattgg agang                          795

```

<210> 4094

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4094

```

natggntttt nannatacag ctcttggtct ttttgcagga tcccatcgat tcgaattcgg      60

```

cacgagacag	agcgagcact	ccagttcaaa	aaaataaata	aaaattaaaa	aataaaataa	120
aataaaaaat	ttactaggca	tccagcattc	attaaggaga	ataattcagt	taaggaggaa	180
aagaattctg	ggattctggg	aatttcctta	accaataaag	agtatgtgtg	agaaacctac	240
tgctaacatc	atacttaatg	gtaaaagtcc	aaagatcagc	aaaaagagga	tacctggtct	300
aaacacttcc	actaagcatt	atactggaag	ttctagctag	tgcaataaat	gaaagaatac	360
aaagtatcca	gattggaaag	gaagtataat	catctttatt	aacagattat	atgattgtct	420
atataaaaaa	aatctgaag	tatctacaac	actattagaa	ctaaatgagc	ttagttagac	480
tgcaaaataa	agatcaatat	atataaagca	gatgattttg	catgactagc	catgaacaat	540
ctgaacctta	aaaccttaaa	tgccattttat	acaccatana	caatatgaaa	tncatagtga	600
tgcatctggc	aaaagaagtg	caagatgtat	agtataaaaa	ttaaaacact	ttggggagaac	660
tttaaaaagc	ctaaatgaga	ttactatgtc	agagactcca	gactcatacc	ataatatgca	720
atcttccacc	tgccataagat	cagtgaatcc				750

<210> 4095

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4095

gnnnnnnnnng	ntttnttnca	gctacaggct	acttggttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagaggac	attctcctac	atagccgtat	attctcatta	taccagcaa	120
atattcaatc	atattatcta	aggtagactc	cacattcaga	aaaaaaaaatg	ccctttacca	180
tagtttttgt	tttgcttttg	gttttgatca	aagattacag	gtgtgagcca	ccgcaactgg	240
cccactgtgt	tacgatttga	aataaaaagg	aacctgtcaa	gtacccagag	aatatcagaa	300
ctgctgtccg	atctcctgaa	attgaaatta	atttcctcag	tgactcaata	cccactgcca	360
ctcactcaag	ccctgcaagt	tcaagccaaa	tcctcctgcc	accacaggaa	tctgatgggt	420
cacgctgctg	cctactgaaa	atggggattt	gggttagtga	taaaataggt	taaaacacat	480
aaaataggta	aactagggtg	aaatacagta	agaatgggtg	agaggagaga	aaaagaaact	540
tcanttttagg	aagcataata	ctacttaaaa	tttcctgaga	ataaatttgn	cttctagaca	600
acacanagna	nnntanncn	nnnnnnnnnn	nnnantnnna	aaaaagcctn	taaactntag	660
gagtcnttta	cgnaatcccn	acntgtnaga	tncttgatga	nttggaacaac	ccacttgaat	720
gcagnaaaa	aatgcttttt	gngaaatngg	agctttgn			758

<210> 4096

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 4096

gnnnnnttttn	aanatacagg	ctacttgttc	tttttgcagg	gatcccatcg	attcgaattc	60
ggcacgagac	gggagctagt	gacggcattt	ctacgatcct	gaagatcctc	gtctccgggg	120
gcggaagtc	acggacaggt	gtgatgatcc	ccatcccaca	atatcccctc	tattcagctg	180
tcctctctga	gctcgacgcc	atccagggtga	attactacct	ggacgaggag	aactgctggg	240
cgctgaatgt	gaatgagctc	cggcgggcgg	tgacggaggc	caaagaccac	tgtgatccta	300
aggtgctctg	cataatcaac	cctgggaacc	ccacaggcca	ggtacaaagc	agaaagtgca	360
tagaagatgt	gatccacttt	gcctgggaag	agaactcttt	ctcctggctg	atgaggtgta	420

```

ccaggacaac ntgtactctc cagattgcag attccactcc ttcaanaang tgctgtacna      480
natggggccc gagtacttca tcaacgtgga gctcgccctnc tttcacttca cctncaaagg      540
nctncatggg ccnatgtggt tacanacgag gcttcatnga ggnaaatcaa cctgccccctg      600
anatcaaggg ccanttggtg aaactgcttt cggnnctcct tgtgccccnc aatatntggt      660
caaggccgcn ntggacattt ttngtgaacc cccttggcca tgcctnaact tcaaaacaat      720
tnaaatgntt ttttttttgg nnncaaatta naacctnact tanttttggc a              771

```

<210> 4097

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4097

```

gnttaanncn tnatacagct acttggttctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggctgc tgggcctgga agtccagggtg gggccactcg ctaattctca tgtgttgctc     120
cggccccctcc agctgcagggt ggggtgtggag tttgaggcca gcacaaggat gcaggacacc     180
agcgtctcctc tcgggtacca gctggacctg cccaaggcca acctcctctt caaaggtaaa     240
ggtctcgggtt cccctacgcg ggaaacaggc aggaggtgac tcaactctga gtggatgtgt     300
gggccaccac aggtgctgga ggacagtgtg ctgccacct gtgggcctcc acattaccgg     360
ggaacacttg ttaaaaggta ggtggggcgg ggtgcggtgg ctacgcctg taatcccagc     420
actttgggag gccaaaggcg gccgaggtaa ggagattgag accatcctgg ctaacacggt     480
gaaactccgt ctctactaaa aatacaaaaa caaaattagc cnggtgtggt tgccggtgcc     540
tatagtccaa ctactgagct naagcnggaa aatggtatga acccaggaag cggacttgcg     600
gtgaaccagc atcgtgccac cgacttcaac ctgggcgaca gacaagaatt catttnaaaa     660
aaaaaaaaag tagtggacaa ccctntacta tgtttatctt gggaaaaaaa agtnngtnna     720
acggncaagc cttgtgaata accctgtaat nccaacn                                757

```

<210> 4098

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4098

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gntttananc agctnntagc tacttgttct ttttgcagga tccctcgatt cgcaaggatg      60
ggcgcacccg agaaggagac cgcattatcc agattaatgg gatagagggtg cagaaccgtg     120
aagaggctgt ggctcttcta accagtgaag aaaataaaaa cttttcattg ctgattgcaa     180
ggcctgaact ccagctggat gagggtgga tggatgatga caggaacgac tttctggtgt     240
tggtatgtcaa tgatgatttt tctgaggaag taaccaaaca agaagacctc atgagagagg     300
taaacacctt tgtaaagaat ctgtaaccaa taccatgatg ttcaggctgt gatctgggct     360
ccctgacttt ctgaagctag aaaaatgtng tgtctnccaa ccacctttcc atccccagcc     420
cctctcatcc ctggagcact ctgccgctca agagctggtt tgtaattat ngtagactt     480
tgccattggt ttcttttgtc ctgaagcatt ttgaaaataa agttacttaa gttaaaaaaa     540
accaaanaaa nactcgagcc tctanaacta tagtgagtcn attacgtnga tccaganttg     600
atnagaaaca ttggttagtt nggnaaccac aacttgaatg ccncggaaaa aangccttat     660
ttggtaaaat tgtgangcna ttggtttatt cgtaaccttt ttaaccggn ttnacaagtt     720
aaccacnacc attgctttna ttttatgggt tagggtcncg gg                                762

```

<210> 4099

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 4099

tgnnnnnnttn	anaancagct	cttggttttn	agcangatecc	ctcgattcga	attcggcacg	60
agcagccttg	gtgacagagc	gagaccctgt	ctctaaaaaa	taaataaata	aaatattgtg	120
agtctctgat	ggggagcagt	attgcatggg	ggttgagaac	tgaggctctg	atgttagaac	180
tggattctga	cttaaccac	tgtttgccca	catcttgagc	cttggtttcc	ctatctgtaa	240
aatggcagta	ttctcgggct	ggctgaggaa	aggaaatgag	gccaggcgcg	gtggctcagg	300
cctgtaatcc	cagcactttg	gcaggctgag	gcagggtgat	gattttgaggc	caggagtttg	360
agatcagcct	gaccaacatg	gcaaaccccc	gcgtccacta	aaaatagaaa	aaaatagctg	420
ggcatgggtg	tgcacccttg	tagtctcagc	tacttgggag	acagaancag	gagaattggg	480
tgaacttgga	aggtggagg	tgcantgagc	tgagatcgca	ccactgnact	ccatcctggg	540
cgacagagca	agactgtctc	aaaataaata	aatnaataaa	taaatnaagt	tcaaaaaaaaa	600
aaaaaaaaac	tcgagcctnt	aaaactatta	ntgagtcgta	tnacgtagat	cccagacatg	660
ataaaaaatac	catttgatga	agtttgggac	caaacccecn	ccttgggaatt	gccggtggna	720
aaaaaaatgc	cttttttttg	gggnaaaatt	tggggangcc	ttttgctttt	aattttgtaa	780
accattttnt	taaagcttgc	caataaaacc	aanattna			818

<210> 4100

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 4100

aanncnnggct	actngttctt	tttgcaggac	ccatcgattc	gaattcggca	cgagatccaa	60
ctgtggcttc	tcccaggacc	attacacttg	tatctaaata	cctacttgac	atcttctttt	120
ggatactgaa	taaagatctt	gaacaaacaa	ataaaaaacag	taggttggtg	atgcatgtta	180
ctttgcccga	tagatatatt	ctatcagaat	gtgatttgta	tatataatat	gtttacatat	240
taaattttga	ttcaattaaa	attctccaca	ggggagattc	tgtggtaagt	tctttcgtaa	300
atgaagtaat	tattctagt	atttaagttc	atgttacttg	tactttatgc	tttattattg	360
atgtgttatt	atgcagtatg	cttattttgtg	ttttattctt	atgttattta	ctcttgtttc	420
tgattgatct	ttcatgaagc	tcctaatact	ctgtccatag	aagcacagct	ataatgatat	480
ttacatatgt	aaggaagact	acaaatattt	cttcttttga	ttcatttttg	gtgattatct	540
ccttggcaga	cataaaagac	tgatgtgggt	tggctgtgtc	cccacccaaa	tcttgaattg	600
tagctcctct	aattctcacg	tgtcatggga	gggaccagc	gggaggtaac	tgaatcatgg	660
gggcaggtct	ttcccatgct	gttctcctga	tagtgaataa	gtctcacgag	atatgatggg	720
ttaggaatgg	ggagttcccc	tgggcatgct	ctctctcttg	cctgccacct	gtagacgtga	780
ctttgctctt	ccttcgtttt	tgccaagatt	gngaggcct	c		821

<210> 4101

<211> 818

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4101
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 agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg 120
 agtctctgat ggggagcagt attgcatggt gggttgagaac tgaggctctg atgttagaac 180
 tggattctga cttaacccac tgtttgccca catcttgagc cttggtttcc ctatctgtaa 240
 aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg 300
 cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtttg 360
 agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg 420
 ggcattggtg tgcacccttg tagtctcagc tacttgggag acagaancag gagaattggt 480
 tgaacttgga aggtggagggt tgcantgagc tgagatcgca ccaactgnact ccatcctggg 540
 cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaaa 600
 aaaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat ccagacatg 660
 ataaaaatac catttgatga agtttgaggc caaaccctcn ccttggaatt gccgggtggna 720
 aaaaaaatgc cttttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa 780
 acccatttnt taaagcttgc caataaaacc aanattna 818

<210> 4102
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(845)
 <223> n = A,T,C or G

<400> 4102
 gnnnnnnnnnn tttntataga tacagctact tgttcttttt gcagggatcc ctcgattcga 60
 attcggcacg aggatacatc caaatattat tcatgttata gtaaatcaga tgaagccttg 120
 agcttctcag cagccacgta aggcctaaat atgaggggaa aggggctctt agaagtgaag 180
 tgacttctga aagatgcaca gagaattagg aaagagtctg aattcaaccc tggaaacctg 240
 actttcaggt gagtgccttg cccactaaag aatgacaaa ccatggggag tggcatggaa 300
 agcatgagct ttggagttag acaggccttg gtgtgaatcc tggtcacccc agttctgtta 360
 aagacctcag aaaagttacc tagcttcatt aagcctgttt cttcagccaa aaattaatgg 420
 tgtaacgct tacctctcag gatgggggtc acaaataaat agaacgacat aaagtacata 480
 atacatcaat cagttaggat gtatttggct acaggcaaaa gaacagccct cctcaactgg 540
 cttaaccaac aattaaccta ttatcttaca taaaaggag tctagaagta gggatgttcc 600
 aggtttggct aatccagcag ctcaaccatg tcaacacaga ccgggttttc tctgtcttgc 660
 ctttttgcca ttctcagtgc ttctcatggc tccctttatg cttgcaatat gccagctgca 720
 gcttcagaca tcaacttntc acatacctat gtccagagca gaagaaggac atttctcctt 780
 gngcatttct actggagact aaattttcct gcctggcaaa aaaaaaaaaa aaaaaactcg 840
 nnccn 845

<210> 4103
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)

<223> n = A,T,C or G

<400> 4103

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tactgagttc tcacaagtcc tgtttgtttt ataaggggct tttccccctt ttgtctcaaca      120
cttcttcctg ccatcatgtg aagaaggacg tgtttgtttc cccttctgcc acgattgtaa      180
gtttcctgag gccttcccag ctatgtggaa ctgtgagtta attaaacctc tttcctttat      240
aaattaccca gtcattgggca gtcctttaca gcagcatgag aatggactaa tacactcctc      300
aaatgttttg aagattgttg caccttggaa ctaccagtgt gcacacaatc tggctcaatg      360
tatatatattg cccagcaagg caaagaactg aagttccagg atggaagaac ctgtgtttctc      420
ctcataatag tatagaataa ttcaagatag gcaagaagga cagcagtaaa tgaagaccat      480
ggaagaaaag aaggaatgcc aaagatcgag gaaatctacc aagactagta gggtagtcca      540
gaagaagctg tttcagggcc tgttgccagc tatgcctttg agaacctcgg gatcccaaag      600
aatgagggga atttcttcag aaagacaatc tcggcatgca ttatttcttt ggtttgaaga      660
ttcactcatg ttgcatgcat ctgtagcttg tgcctttttt attgcctagt agtattctgg      720
catatgccta tcttacaatt tgattatcta ttcacctgtt ggatgaatgt ttgaattttt      780
tccatttgag gaatttatga ataaagctgc tnttagcatg aaaaaaaaaa      830
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<210> 4104

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4104

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nnnnnnnnnn ttntnaanat acagctactt gttctttttg caggatccca tcgattcgga      60
gaatcatgac tgctggctga agcctgcac tttgggtaaa cagggcaatt aattcccaga      120
gaacaaggac atcatggata gttaaggcaa ccagataggt gcttatcctc taggtctcca      180
tccaaaatgg agtaatgaca cctactttcg tgttttaaga tttaaacgca gtaacatatg      240
taaagtgcag agtctgatgt tcgagtcac aacgatgtaa ataatgcaaa accagtggat      300
tactcatgct taatttatat ttactttgga aatttatctt ctttttcttg gttatctctc      360
taaataaggt aactttttta tacattttct ttttatatgt atttattctt tttttttgt      420
gacggggtct cactctgtca ccaaggctga aatgcagtgg tgcgatctca gctcactgca      480
acctccactt tccaggctca agtaattctc cagctactca ggaggctgag gcaggagaat      540
cgcttgaaat cgggagatgg aggttgact cegtctggat catgccactg cactccagcc      600
tgggtgacaa agcaagactg tcttaaagaa acaaaaacaa actacaaacc aatttgtttt      660
aaagcatgtt ttttctctgg taaagaacct tncagtgagt aacacaggac ataaatttac      720
tatggtaatt aagtcgtttt tatcanatgg nattattaag ttggttttat caagtggnat      780
taaaggattc atttgtttac agtattattc aacacnaatn ggaggataat tacaattcct      840
tatt                                             844
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<210> 4105

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4105

```

gnagngtcnn ntttctaata ctgganaactc gttcttttttg caggacccat cgattcgaat      60
tcggcacgag ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat      120
tttagaggca tctgttctat cttcccatca taaaaaaagc tctgaggaac atgaatacag      180
tgatgaagct cctcaggaag atgagggcctt tatgggcatg tccctctctt tacaagccca      240
tcatgctatg gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggctc ggtggcgagt      300
gatccctcat gatgtactac cagactggct caaggataat gacttcctct tgcattggaca      360
ccggcctcct atgccttctt tccgggcctg ttttaagagc attttcagaa tacacacaga      420
aacaggcaac atttggacac atctcttagg ttgtgtattc ttctgtgcc tggggatctt      480
ttatatgttt cgcccaaata tctcctttgt ggccctctctg caagagaagg tggctcttgg      540
attatttttt ttaggagcca ttctctgcct ttctttntca tggctcttcc acacagtcta      600
ctgccactca naggggggtct ctgggctntt tctctaagta agtatctgta aagtncatat      660
ttttggccaa tgattnanag gttagtgcnt taggggaaaa aacattcncc canantttgg      720
catgaattct ttaataatna ttctaattnc cnccttnann ttttnaaaaa aanttttnna      780
cacnaaaccc cagatttgnc ttntttaanc atttnnttnn atttncnann agancnccca      840
agntataaat tcggggaana cnaaaatngg ttcaatttnn t                               881

```

<210> 4106

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4106

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tttnnataca gctcttggtc tttttgcagg gatcccatcg attcgaaaag gtgaatgcag      60
aggcctggcc cagacccag ccctgtgtgt caatacaact ttccacgttg ttacatacac      120
attttccagt ctgtgtctcc ctctgaaaga aaccctgaaa ttcaggttgc taatagattg      180
ttggttgcaa gtatgaagga cagaggaggt aagagaggag gcaacttgct aatgcaaaag      240
cagtgtactg aaagtcactt ttatttctta ttataatct acatgcacac tctggataat      300
agatgacact gtcattcag tactttaact tcaaagcaga gagaagccat ggatgacaga      360
gccgggagcg ggaatacaaa ggtactaaca acaagaggaa aaatgcctgt ttacgggatt      420
gcatttggtt gcacgctctc ttcagatatt gttccccag gaatagcgaa aatatgtgca      480
gcgcgaacaa tgatttaaca tctgaaaatg gtacttaaag agtttctgtc tggtagtaat      540
gtgatggagg cttctgaagg gaacctgggg acttcatttc ttctatttat ctatatgtct      600
ctctggtttt agtgagcggg aattgcataa ttaacccttc aaatagcttt aaccctnacg      660
atgccacttt ttaccctgta taaaatgtac ttttatccca gcaaaggcag actcagaaat      720
tnccttacc aaataattat ttaaaaaaaa aaaaaaaaaa cttcgagcct ttanaactn      780
tngtgagtc gnnttacgta gatccngacc ttgatnagga tccattgatg n                               831

```

<210> 4107

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4107

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gnnnnnnnnn ttttnaactt tgctaatnct tggctactcg ttctttttgc aggacccatc      60
gattcgaatt cggcacgagg cctctgtcct gaacttttta acccggtgcc acaacccgag      120
ggtctccata ggggcaggta aacggggatt ttaatcattt taagtgtctt agaatgatat      180

```


tttgggaaaa	agcactcctt	ttcctaagga	ctgcgactcg	gtgaacagaa	aggaggctat	240
gcggtgtggc	cagccaactc	aaggaggacg	aagcaacctt	tgccctctaaa	ctgcctggaa	300
ccaaatgtcg	atthttctga	cccctcccag	ggagtgtctga	gtagtgtatgg	tgtctggagg	360
gtcaaatcca	ttcccaatgg	caaagggttc	tcaccactcc	ccaccgctac	aactccaaaa	420
ccactcatcc	cagtgtttgg	ggcactgtgt	tcctcttcgt	ccctgcacca	gacctggaa	480
gccttggcca	gagacctcac	cagactcgac	ttgcggcgct	gggccagctt	catggatgct	540
ggagtggagc	acgatgacgt	agcagagctg	ctgcaggagc	tacaaagcct	ggcccagtgc	600
taccaggggtg	gtgacagcct	cgtggactaa	agttcccagt	gtgggagaaa	ggagctagtt	660
tgcaataaaa	acagctggat	gcaaaaagcc	tctagaacta	tagtgagtcc	gtattacgta	720
gatcagacat	gatnagatac	attgatgant	ttggacaaac	cccactngga	atgcantnga	780
aaaaaatgct	ttatttgtga	aatttgtgat	gctattgctt	tattgtaacc	attattaagc	840
tgcaatan						848

<210> 4108

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (849)

<223> n = A,T,C or G

<400> 4108

gnnnnnnnnnn	tttnaacctt	nctaattctg	gtactctngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgagaga	aaccagnatc	acacaggaat	gactgggatt	ttaggcctgg	120
aatgtacctt	taaaattatc	ttattacaca	ccatccttca	tttttctcat	tttctctttt	180
tgggattcat	atattaagta	ttagggcatt	aaaacacaac	tgtatatata	aagaaaaata	240
taaagtaacc	acacatgctc	agggaaagac	acaggctcag	aaaatgcctg	agaagaactt	300
agtttcacac	cccaggctga	tcctaagcac	cgagacagcc	tacaacaatc	caaaaaacaa	360
aaacaataaa	taaaaagtaa	caaacaacag	caaacctaa	agaatgacga	aaatataatt	420
tccagaatta	ccactttatt	agagtcaaat	gtccagtttt	taataaaact	cagaagcata	480
caaagaaaca	ggaaattatg	gcccattcaa	ggatcaaagg	aaaaaaaaat	gaatggaaac	540
tgtactgaaa	aagacatgat	ggcagatata	ctagaaaaat	actttaaaaat	actgtcttaa	600
tgatgcttta	aaaactagag	gaagatgtgg	aggaagtcaa	gaaaatgatg	tacaaacaaa	660
acagcaatat	caataaggag	gtagaaaact	ttaaaaggaa	acaaaaaaat	tctagagtgg	720
aaaagtncaa	tactgaaata	aaatattact	agtaggattg	aagtcatggt	tggaataggc	780
aaaaaaaaaa	annnnnnnnn	nnntnnaaaa	aaaaactngg	cctttttaaac	tttnggggtc	840
ngtttacct						849

<210> 4109

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (835)

<223> n = A,T,C or G

<400> 4109

tannccngct	cttgttcttt	ttgcaggatc	ccatcgattc	ggtttggcag	tctctgaaaa	60
tatatacctg	ccatatgac	cagccagttc	actgtacct	agtttcccaa	aagaaatgaa	120
aatatatgta	tatgtgaata	ctcatatact	aatattcata	gcagctttgt	ttgtaatgga	180
caaaacaacc	caaatgtcca	tcaacgttgg	aatggaaaca	acccaaatgt	caatcaacaa	240
gtgaataaac	aaaatgtgct	atacgtatat	aatggaatac	tactcagcaa	taaaaaggaa	300

tgaaggaat	gaactaatga	tgcattgcaac	agcatggata	catctcaaaa	taattatgct	360
gaatgaaaga	agccagacag	caaaaatttc	ctactgagtg	attccattta	tataaaaatc	420
tagagaatgc	caattagcct	ttagtgaaat	aaagcagaac	agtaattgcc	tgtgacaggg	480
tgggaaagat	ttggactgga	agcagggatt	accaagaggg	gtgagaaaac	ttttgaaggt	540
gatgaatatg	tacattgtct	tcattgcttt	ggatggnttt	tccaggggtg	atattgtaat	600
ttcaaaaaat	gatcaaaatt	tntacacttt	taaaatantg	gttcaagttt	tattttttat	660
attgaaataa	aaggctggat	taaaaatggc	ccnaaanann	annanactnt	tnantntntn	720
nncnctntnn	tnncnnnnnn	ntcntnnnnn	nntntntntn	nnnnnnnecn	gcnccttntt	780
aaaaantttt	gnnggggggnc	gntttttccn	tngaaccccc	cnctttgttt	tanct	835

<210> 4110

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (772)

<223> n = A,T,C or G

<400> 4110

acattnnngnn	cgcttttcng	tttganccca	tcgaccgaat	tcggcacgag	gctngatcgt	60
ctgggcctgn	gtttanactg	gnatnggatn	ctcaatcctt	nttggtcaaa	ttttnaagtc	120
cagaaagctc	tgaaaactga	aagttttttc	ataatttatt	tcactgtaaa	acctgaattg	180
aactgatatt	tatctcacta	aaaatgagta	ttcatatatt	gnactgtang	aatngtaaaa	240
ttaccaagta	ntancccgag	cctagttaga	taaatgcacn	attngctttt	aattncaaaa	300
aaatcttaan	tctgaggcac	atttggtgta	cagcatttca	gatnagggat	tttgaacctc	360
taattcaatg	atgtngataa	atatcaccac	ttctactacc	attgtctatt	actgaacact	420
taccatgggc	caggtacaga	gaaggaattg	acctaataag	ctnttcggnc	cntananagc	480
tntaaaaggc	aggtcctttt	attgacgtca	ttttattgct	ggtcacccaa	gtggcaaggc	540
tgggctgatc	cattgggtcaa	gttatgactg	ccgtgctcct	cccccaaact	taangcagaa	600
ntctcagtgc	agatgatcct	ggacttacca	aggggggttat	nctaaatnga	ataagaactg	660
ggcctaaaat	tgggaaanat	tggtaaggcc	ttttaatacc	atnttaacca	tcttagcttt	720
gncttaacct	acccttaaan	ngtgcctcaa	ggacacttac	atttaccgna	cc	772

<210> 4111

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 4111

ttttctttnn	ntnnatcagc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgagggggacc	tcgatcatga	caggctcatc	agcctgtgcc	tgacccttct	cacgtgaccc	120
cagacatcct	gcaacctggg	gggacattcc	tttgtaaaac	ctgggctgga	agtcaaagcc	180
gtcggttaca	gaggagactg	acagaggaat	tccagaatgt	aaggatcatn	aaacctgaag	240
ccagcaggaa	agagtcatca	gaagtgtact	tcttggccac	acagtaccac	ggaaggaagg	300
gcaactgtgaa	gcagtgagga	tttcttgtgc	cattttcata	atggtcatta	gctcctttta	360
agctanaaac	gtacctgagc	ttctgaagag	ttcctgggag	atttgagctg	attttgaaaa	420
tggagcatga	caagtgggga	gtctctctct	ctctttctct	ctctctcttt	ttaacccaaa	480
agagatgacn	aaactaagtt	caggggccat	ggaaaatgaa	aaagtcgct	atattnggat	540
ttgggaagaa	gaaagtntnc	angaagaaan	angtgangat	tgaangatng	agaaaaacag	600

acttggtggg	aagggtcana	aaggaattcc	cccgangcaa	gggattgggtg	tgcccatttg	660
tgcctttgac	cgggaccttc	atcttattat	actgggtaaa	cttgtnanac	cacaaaacag	720
gggttttcca	accctgtttt	ttagaacccc	acgcnccaga	tttttccaat	tctttaaagg	780
ggggctgggt						790

<210> 4112

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4112

ggtnnnnntt	gnaatcgana	gctacttggt	ctttttgcag	gateccatcg	attcgaattc	60
ggcacgagga	aagctcatta	ccagtaggac	ataatttttg	gctctcccta	ttcacaacca	120
gtgcacagtt	tgacacagtg	gcctcagggt	cacagtgcac	catgtcactg	tgctatccta	180
cgaaatcatt	tgtttctaag	ttgtgtttat	tcctggagtg	acatgccacc	ccgaatggct	240
cactttcact	gaggatgctg	tcctctgatt	tagctgctgc	ctccagcctc	tggcttgaga	300
acttactaaa	ggcacttcct	tcctgtttaa	ccctgttaa	ctctccataa	atttggatgat	360
tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaaactcc	accttctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccaaagaatg	acnagatntt	480
taaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcctttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cactttcttt	tctagtttct	tggatttttna	gcttaggctg	600
cattctaacc	tcatactgng	naanacccaa	gggtggtttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggtaaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4113

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4113

ctaatecctt	gttttctaag	cttggctact	ngttctttct	gcaggatccc	atgcgattcg	60
aattcgccac	gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	120
gagtggaagg	agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	180
actgccctgc	tggaagggtc	gatggagctc	cccgcagcat	ggttcctgcc	tgggtgacag	240
aggctcctgt	ggccacttta	gaagtgcggt	ttactcctca	tgccgagatg	gaccttgggc	300
agctcagttc	acaagatggt	ggtcaggcgt	cattttaaata	ttttcagtca	gcagaggaag	360
caaagcgtgc	cattgagggt	gtgctgtcag	cggatcctcg	gtctgtgtac	cgccggaagc	420
tttgccagga	ccgccttttc	tactttactg	tagacatagc	gcatgtcact	tgctggtttg	480
gtgatggctt	tgacagaggtg	ctgaggatca	agccggcttc	tgagcctggt	catatgactg	540
gccctgtggg	gtccttggtg	tctctggggt	cttaaggacc	tnccctcatgt	ctttaaggta	600
gcatcattga	tctttggatg	tggctttttg	gatttcttga	acaagctaata	gttgtgtcaa	660
gaagcaacac	ttttgtgaat	ctcattggct	ttgattggat	ttgggcttgt	tcaaaaatgt	720
ttatttgaaa	aacgtattcc	tttaataaac	ttaaccaaag	agatttttaa	att	773

<210> 4114

<211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 4114

gnnntattgc	aattngatag	ctactngttc	tttttgcagg	atcccatoga	ttcgaattcg	60
gcacgagggt	accagtagg	tatcgttga	aacaacggag	ttctcttttc	tgaatctgca	120
aaaaagggt	ctcactttgt	ccagttatgc	tgccaaagaa	atattcctct	gctgttcctt	180
caaaacatta	ctggatttat	ggttggtaga	gagtatgaag	ctgaaggaat	tgccaaggat	240
ggtgccaaaga	tgggtggccgc	tgtggcctgt	gcccaagtgc	ctaagataac	cctcatcatt	300
gggggctcct	atggagccgg	aaactatggg	atgtgtggca	gagcgtatag	cccaagattt	360
ctctacattt	ggccaaatgc	tcgtatctca	gtgatgggag	gagagcaggc	agccaatgtg	420
ttggccacga	taacaaagga	ccaaagagcc	cgggaaggaa	agcanttctt	catgctgatt	480
aaaccgnttt	taaaaaaacc	ttcttttaaaa	ntttgaagag	gaaggaaccc	tactntccag	540
ccaaggtatg	ggatgatggg	atcattgtcc	acagacncag	actgtcttgg	tctngtttag	600
tgcacctnac	cccatngaga	gatgntcggt	cttagatgta	ctggataagn	gttctgtgaa	660
tnctgaatac	ctgngtanct	aaattaactt	cnctagtgtc	anat		704

<210> 4115
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 4115

gtnnnnnttc	aattgnnttag	gotctcggtt	ctttntgcag	gateccatcg	attcgtttca	60
gctttcggtta	ccagcaggag	ctggaggagg	aaatcaagga	attatatgag	aacttctgca	120
agcacaatgg	tagcaagaac	gtcttcagca	ccttccgaac	ccctgcagtg	ctgttcacgg	180
gcattgtagc	tttgtacata	gcctcaggcc	tcactggctt	cataggtctt	gaggttgtag	240
cccagttggt	caactgtatg	ggttgactac	tgtaaatagc	actcctcacc	tggggctaca	300
tcaggtattc	tggtcaatat	cgtgagctgg	gcggagctat	tgattttggt	gccgcataatg	360
tggtggagca	ggcttcttct	catatcggtg	attccactca	ggccactgtg	agggatgcag	420
ttgttggaag	accatccatg	gataaaaagc	tcaatagcat	ctttaacgtg	aaaatnaaac	480
cagaacncna	nnaaggcctt	tanggatttc	nggggttttg	cccacggcca	caggttcatn	540
tccagaggaa	tgcaaaactg	anacnatcca	ggaagagcta	aaacatggcc	ctgtaataaaa	600
tgaccagacc	tttctgngg	ttcaaattnt	taacacactt	cctttctttt	gggaaaaaaa	660
aannnnnnnn	antnnnnntt	nnaaaaaaa	aaacttgacc	tttaaactnn	aggatctttt	720
actnantcca	acttgntaga	nccatggtna	gttgggna			758

<210> 4116
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)

<223> n = A,T,C or G

<400> 4116

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ggnnnnntnn nntttgaaac cttnggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gaggtcaacc tctaccacgt gcgggaggat ggctggatcc nagtctccag      120
ngacaatgtg gctgatctac atganaagna tantggctct acccctgaa agagggtgga      180
tgcantgtgt tgtgtatntt ggggtgactg tcattggtaa tacggacaca gtgacccatc      240
ctccatncta tttatagngn aagggccttc antngtatca gtacttgatt tnaagctctg      300
gcacattgac ctntatgtgt taccagtcac taatgagctg ntgcacgagg tgactattng      360
ttanactntc ttagcatgtt aacattacac tntcactac tcatananaa gnntnnnnan      420
aacttgagnc ctttaaaaac ttttaagtna gtcannattt ccgttngatt ccaatanctt      480
ngaanaaga atnccttttg gntnaatttt tggaaatcaa acttcctacc tttgnaaatt      540
nncnntgtgg aaanantaaa atntgcttta aaatttttng ttgaaaattc ttggggggaa      600
ncgatttttt nngncttttn aannngnggg ttacccctt tnatannnt cttnaaatan      660
ttnccaaann ttttaaccct caaccttttt ggnnttttan tttttaagng gttncatgnt      720
aaaangtnaa atntntttgt annngntttt ttntccagnt nccnngngtt cttnaaaat      780
ttngcccnnn gtgtcnacaa nntnttttgn tnccntaatt tatnggnngt tttnttncn      840
ctnttgtcat aaaatagngt taanctgnn                                     869

```

<210> 4117

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4117

```

ggtnnnnntt ttnnnttaca gctacttgtt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagga gatgctgaag gaaattatag ccagaggaaa ttttagactg cagaatataa      120
ttggcagaaa aatgggccta gaatgtgtag atattctcag cgaactcttt cgaaggggac      180
tcagacatgt cttagcaact attttagcac aactcagtga catggactta atcaatgtgt      240
ctaaagttag cacaacttgg aagaagatcc tagaagatga taagggggca ttccagttgt      300
acagtaaagc aatacaaaga gttaccgaaa acaacaataa attttcacct catgcttcaa      360
ccagagaata tggtatgttc agaaccctac tggcttctgt tcagaaatca gcagcccaga      420
cttctctcaa aaaagatgct caaaccaagt tatccaatca aggtgatcag aaanggtcta      480
cttattgtcc gacaccatng aantnttttg agggttgcna aanaccattg aaaaaagaac      540
naaaagcctt aaaagccctg tnttcncttg taaattcacc tgcaaaaata tggattggct      600
ntttaccaac ngggcaacc tggcaaacn aaaaaggctt gtgggnattt ggaattattt      660
ggtncgaaa atngtctcnt ggtaanttat tcattactta cttnaaagaa ctggtttcaa      720
aaatnggcaa gcnttccttn aaaagccag tttgttaaaa aatangggtc cccttgnctt      780
ggttccaaaa nnaaaaggcc nnaanggaan tttccnn                                     817

```

<210> 4118

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 4118

```

gntnnnnnnt tgtntncata caggctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gccggcttcc tcatcaacct cattgactcc cccgggcaag tcgacttctc      120
ctcggaggtg actgctgccc tccgagtcac cgatggcgca ttggtggtgg tggactgcgt      180
gtcaggcgtg tgcgtgcaga cggagacagt gctgcggcag gccattgccg agcgtatcaa      240
gcctgtgctg atgatgaaca agatggaccg cgccctgctg gagctgcagc tggagcccga      300
ggagctctac cagactttcc agcgcacgtg ggagaacgtg aacgtcatca tctccaccta      360
cggcgagggc gagagcggcc ccatgggcaa catcatgatc gatcctgtcc tcggtaccgt      420
gggctttggg tctggcctnc acgggtgggc cttaccctga agcaatttgc cnaanatgta      480
tgtngcccaa tttngccgnc caagggggga aaggggccan ttngggggcc tgcnaaaacn      540
gggcccanaa aaaggttnan ggaccattga attnaaaaaa aaccttttgg ggggttgaac      600
aagggtncct ttttggacc ccaancccca aacggggcaa aggttttnaa ncnaaggggt      660
naagcccaac ccaaaccccc ccnaaaagg gnaaanaaaa cttggccaan gccaacntt      720
ttttggccaa acttgaacc cttgggaanc cccatttttt tnaangggng ttttggatgc      780
cnaaccattg aaattttcaa ggaaaanaag gaaggccngg gattngggaa aacccccaaa      840
aatttttttc catttttttt n                                           861

```

<210> 4119

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4119

```

ggtnnnnnntt gtaanntana gctacttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagcc tcattatcca ccacgcacag atggtacagc tggggctgaa caaccacatg      120
tgggaaccaga gaggttccca ggcgcccag gacaagacgc aggaggcaga atgaccgcgt      180
gtccttgctt gaccacctgg ggaacacccc tggaccacag catcgccag gaccccatag      240
agcacccccg tctgcccctgt gccctgtgga cagtgggaaga tgaggtcatc tgccactttc      300
aggacattgt ccgggagccc ttcatttagg acaaaacggg cgcatgatg ccctggcttt      360
cagggtggtc agaactggat acggtgttta caattccaat ctctctattt ctgggtgaag      420
ggtccttggtg gtgggggtat tgctacggtc ttttaattat aatnaatatt tattggatgc      480
ttnaaaaaaa naaaaaaaa aaacttnngg ncttttttnaa atttttaggg gagtcngtnt      540
tnccntagan tccagacntt gtttanggat nccattgggt gaanttttgg gaccaaacc      600
ncaacnttgg aaattgcnn ntggaaaaaa aaantgcctt ttantttggg gnaaantttg      660
ggggaatgcc ttatttggtc ttttaatttg gtaaccnnt tttttaaaag ctggcaattt      720
naaccnaggt ttnaccnanc caaccaaatt ggcattttca tttttaaaang gttttnnang      780
gtttcaaggg ggnaagggt tttgggaaan gttttttttt aaaatttnnn ggggcccenn      840
ggngccnca a                                           851

```

<210> 4120

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4120

```

ggtnnnnatt taanntnagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggunc ctgcaagggc tgggtgtgaa acaagcannn tngntgcntg aagcaaaagt      120

```

```

nanacngngg  tgtnnactgt  tgatgtgacc  ccacaaagtg  tnggaaccgc  catcaaggcn  180
nggntagctn  gggcactgtn  gancggaccc  anaattncnn  nggntccttc  naactgnang  240
atcctaccna  ggtnacccnn  ggatngngct  tntntaatnc  nntttgtgcn  accccnaata  300
gcnnगतcct  gaaaganatg  tgccatgtng  ancaggtgct  gtnaaagaag  actgcttcng  360
ctccctgncc  ttttgacctc  ccngagttga  aacatgtagc  aacacgnntn  ccatagaata  420
caaggctcca  gntgaagaaa  aagaaacggg  ntctggtcag  naacaatcag  ntccntntc  480
ttggangatt  cccctnttnt  aatnaaaagc  cctnattna  nttttnnang  cnttnaattt  540
tttacncctn  caatntttgg  ttgtcntaan  atgctttttc  aaggtttgan  aaccctttaa  600
anggggggtt  tttttnaaaa  tggactttct  tntgggattt  tnagggtttt  antttggctt  660
anttnaaaaa  aaaagntaac  caaaaaccgt  ttnccttgnaa  aaagaanggt  nnacccttta  720
aatnggatnt  tgggcccttt  aancctttca  atgttccang  gnttacctna  cttttangtt  780
ntntcccaaa  aaaanggttn  ctaangtntn  ccttatttgg  actnnaanaa  cccnaattga  840
acttttnn  848

```

<210> 4121

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4121

```

gnnntttcaa  tctganagctc  ttgtttctttt  tgcaggatcc  catcgattcg  aattcggcac  60
gagtacatat  ttgtcataat  tacaataaaa  taaaaagagc  tatttttgaa  ctgggcaagc  120
tgttttctaaa  tgtatatgga  aaaataaaaa  tgtctccaaa  aaatccctgc  agagggaaac  180
tagcccttcc  agatataaaa  tatattatag  aactgtgtaa  ttaaagcaat  atggtactgg  240
tccataaaag  aacataaaac  caaatagtct  agtagactca  aaatgcaagc  gttggtgagg  300
gtatggagaa  aagggaaccc  ttttacactt  ggtgtgaatg  taaattagta  cagacattgt  360
ggaaaacagt  ttgttagagct  tcctcaataa  aaacacatat  gatccagcaa  tcccactact  420
gggtatatat  ccaaaggaaa  tgaaatcagt  atgttgaaga  gatacttnca  cgttcactgg  480
aaccttgntc  acattggcca  gnacttaaac  ctaaagggtc  catnaaccgg  aagatagata  540
gggctgaccg  cggtggccca  cgctgtaat  cccagcactt  tgggaggcca  aggcagggtg  600
atcatttgag  gtcagaagtt  tttgaccagc  cttggccaac  atgatgaacc  ccgtntttct  660
aaatttccaa  aaattagctg  ggcgtatggg  gggcacctgt  ntcccagtt  ctcgagggt  720
nangcaggan  aatgctgacc  cagggaacgga  cttgnt  756

```

<210> 4122

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4122

```

ggtnnnnnntt  gnaatcgana  gctacttggt  ctttttgcag  gatcccatcg  attcgaattc  60
ggcacgagga  aagctcatta  ccagtaggac  ataatttttg  gctctcccta  ttcacaacca  120
gtgcacagtt  tgacacagtg  gcctcagggt  cacagtgcac  catgtcactg  tgctatcccta  180
cgaaatcatt  tgtttctaag  ttgtgtttat  tcctggagtg  acatgccacc  ccgaatggct  240
cactttcact  gaggatgctg  tcctctgatt  tagctgctgc  ctccagcctc  tggcttgaga  300
acttactaaa  ggcacttcct  tcctgttaaa  cccctgttaa  ctctccataa  atttgggtgat  360

```

tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaactcc	accttctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccaagaatg	acnagatntt	480
taaaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcctttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cactttcttt	tctagtttct	tggattttna	gcttaggctg	600
cattctaacc	tcatactgng	naanaccaa	ggtaggtttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggtaaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4123

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4123

gnnttcaa	at	cgatagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagggccgtt	ggg	cgagatg	aagctacact	gtgaggtgga	ggtgatcagc	cggcacttgc	120
ccgctttggg	g	cttaggaac	cggggcaagg	gcgtccgagc	cgtgttgagc	ctctgtcagc	180
agacttccag	gagtcagccg	cgggtccgag	ccttcctgct	catctccacc	ctgaaggaca		240
agcgcggggac	ccgctatgag	ctaagggaga	acattgagca	attcttcacc	aaatttgtag		300
atgaggggaa	agccactggt	cgggttaaagg	agcctcctgt	ggatatctgt	ctaagtaagg		360
attccatatg	gctctcatat	cattccattc	catctctgcc	aagatttgga	taccgcaaaa		420
atttgtgttt	gtggaagatt	ctgctgaact	ctttcattca	agggactact	tccattgaat		480
ttggattntg	tttgccccac	attgggggtc	ttantanana	atttgggggtg	gnncntgaag		540
cacctattaa	tctcttaatt	tctggttctc	ttangctggg	tatgttaa	tcctccgata		600
tgtaaaagt	aatgggtgag	accagaaaaa	gaaatttcaa	ttaccagatc	antttgggggt		660
gcattgtatg	attttgcacc	ntcaaaatgg	aattangggg	agaattctgg	ntcttgcttg		720
gaaagganga	tgtgtntagn	tncccattta	natgactcca	aattttntta			770

<210> 4124

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 4124

gntnnnnntt	tgtntncatn	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacagag	ggaacatcca	gtgcctgcag	gacgtggagc	gctgcctccg	ggacacgggt	120
gtgcagggcg	tcatgagcgc	agagggcaac	ctgcacaacc	ccgccctgtt	cgagggccgg	180
agccctgccg	tgtgggagct	ggccgaggag	tatctggaca	tcgtgcggga	gcacccctgc	240
cccctgtcct	acgtccgggc	ccacctcttc	aagctgtggc	accacacgct	gcagggtgcac	300
caggagctgc	gagaggagct	ggccaagggtg	aagaccctgg	agggcatcgc	tgctgtgagc	360
caggagctga	agctgcgggtg	tcaggaggag	atatccaggc	aggagggagc	gaacccaccg	420
gcgacttgcc	cttcaactgga	tctgccaccc	tacattcggc	cggggcccaa	gganganaac	480
cagganaaag	cagtccccca	aaaagcgggc	cttgnaggaa	aaggangtgg	cacggangtc	540
tgtcttanac	ccnttgcaaa	aggacaataa	tatttaaagt	gaaaaanana	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngnnntnnan	nttnnnnnnt	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	707

<210> 4125
 <211> 673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 4125
 gntnnnnnnt tttatatata caggctactt gttcttttttg caggatccca tcgattcgtg 60
 cttgttcgtt tctgtgtact tgcttagtgg actgtagcaa cacactcagc ttctccagtg 120
 tcaaccacaca ttggctttcc cactctacag tttctgtagg atgcatgttt tcaccattat 180
 caggcttctg cagtgtctcag agggcagcaa taccagcaa ccagtgacct gaggccagca 240
 acttctttta cttccccctc agttggattt gtaacagagt atctttggtg ggacacttct 300
 gtgtgaagag attttactag caccctaaag aatggatttc tggcaagttc cacaaggtag 360
 acttcagta agttctgctg gtgcagcact acagcaactt ccgtgctatt cagtgagagg 420
 actgtgttct ctccaacaag gtctggatct cagccctggg atggtttaag gtcngangaa 480
 gctnttgctt tggggntctg ngnnanctn agggacttng gnactntnaa nagtctctta 540
 ttcnnatagt naatanctgt tctcacccat gttaatagta gngaccttta taagttcatt 600
 tcaatactgg ggttcttcga tgnttcttct tattagacgt gaaatgtgat gtgattgtat 660
 agnatgntac ata 673

<210> 4126
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4126
 gntntnnntt tgtatannta caggctactt gttcttttttg caggatccca tcgattcgca 60
 gcaatgtttt gtggctttta ttgtacaagc ttttcacctc cttgggttaag ttagttctta 120
 agtgtcttat tcttttacgt gctattataa atggaattat tttcataatt tccttttcag 180
 gttgttaatt attagtgtac agacatgcaa ctgatttttg cacattgact ttgccagtga 240
 catgaacctg tatgtagaaa accctaaaga ttgcacaaaa aaaatggtta gcttgagacg 300
 taaaccttag gcaaagagaa gtttgtgatt tgtaagaaat ttaaaattaa taggattaaa 360
 aagagagctg tgggccttgt tatgtatttg ctttgggaagc cctctaagaa aatttcaggt 420
 caatttttta ttctctgccc tactggaatg cccccagatt atgtgacaat gangtcttat 480
 tttaatatgt ncanaatttg gtnanantgg caatnnttgg gttcnaat ttcccatttc 540
 agaaaattnt ngctttttcn ggtgatgtct tatcctcttg ngtgggtccc aagtgagccc 600
 tgatcctttc agatncattt tatatactct ggtgggtgatg aatatttnat ctctggcaaa 660
 tactgnccat gctaattccc tggaggacct nggatncaat attattggaa ttntaaatca 720
 aggttaacct aagtcaaaga gtctnanctg ccc 753

<210> 4127
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4127

```

nnntntnnnt tttntacata nangctactt gttctttttt caggatccca tcgattcgaa      60
ttcggcacga ggcgagggcc tggcccccag ggcggccaca ccagaaggtc ggagaaaggc      120
ccaaggcgga tgccacgccc agcagtgggtg agggaccac agattttgga aacgacctgg      180
acacactatt ggggaaggaga tgtggacggc ctgtctctc ctgcagggcc caccctaaga      240
atgtattttt aaacacatga aataagtatt tttcactgat aaaaaaaaaa aaaaaaaaaa      300
actcgagcct ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca      360
ttgatgagtt tggacaaacc acaactagaa tgcagtga aaatgcttt atttgtgaaa      420
tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaaca gttaacaaca      480
acaattgcat tcattttatg gtttnaaggt taagggaag tttttggaaa ggtttttaaa      540
ttcnnngccn nggnnccaat tgcnttgggc cgggttcccc aanttttngt tcccttttat      600
tganggggta attgcccccc ttgggcgtna atcatgggcc ataanccttg tttccctggg      660
gtgaaaattn gntattnccg ttnacaatt tcccacaca nntttncnaa nccccgggan      720
ccttaaaant gtnaaaacc tggggggtgg ccctaaatgg aattgaacct taacttnaca      780
ttaantggc ntttnnnnct tnaattggcc ccntttt      817

```

<210> 4128

<211> 684

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (684)

<223> n = A,T,C or G

<400> 4128

```

agnnnnnnnn nnttgaanac nnnagctact tgttcttttt gcaggatccc atcgattcga      60
attcggcacg aggataggct tagaaattat tttttatcag cattaagtgc ttcaatttct      120
ccccataaag attctaagga aatttcagtt cctcatatta tagttttccc cataatttaa      180
tattactaag tatttctctg ccagtaagt ttgatgcagt ttgcataaat agccttggaa      240
gtaaggaggc aggacagaaa gccaaatatc gaaatctctg gccttgattt agtgacagtt      300
tattctaatt gggaccatag gtgttattag taaaaagata gtgtacaagg cctaagttca      360
gtttacattg ttctttgaaa tgagttcatc ttttgtgttg aataattgta ttctaagtag      420
gagatgcctg tatttaacat aatcatgctt tctatataat caaatatgta tttgntggaa      480
tactggtaga aataccttcc ttcctcnttg ccanggaaa aaaactccc attatncngn      540
tataaatagg aatttgtaca tattacattt taaaatttaa atgcatatat ttgaaggatg      600
gatatagtct gagctatgct gcttaattca ctctggacc gncaatgttt tatatggctg      660
ctatgctggt acngctgat gnaa      684

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<210> 4129

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4129

```

acganagcta cttgtttttt ttgcaggatc ccatcgattc gnnnctannt cgagaagagg      60
tntggtnacc tntgtntgcn cncnctgggc tggacggnaa gangactnnt nnntcnangg      120

```

ngngnnnnngc	ggcacaccng	gtatttganc	atgcattatc	tncacacact	gtgcagcatc	180
ctttggagag	cacaacgcat	ggaaagggtca	tnnannntnt	ganttgccat	ntcnntngcg	240
ngtcntccta	cccaagtaaa	agntaccttg	gcnatnntac	cnccgntttt	ntcactcnen	300
aggacntatt	acctnggggtg	cntnnaacgt	aatcnnttac	tnnnnctcat	tctnacnnnn	360
nttggaacca	tngncttgct	gncacaccta	tgaagnactg	tttcacagcn	ctttcacttc	420
ctacnaaggt	accatgttat	ttatcttgcc	tnaaaaatc	tgaattntac	ncttaaattt	480
taanntttnt	tnactntnaa	ngcaaaaaatt	ttttgaactg	aaaggtcntt	aaaggcnttt	540
ngactcttca	tttttcaaat	tngggaaaaac	aatgctcaaa	agagttntnt	tnaccttngt	600
aaannaangg	gaanaanaat	ctggaatctt	tcttgancct	ntacnttaac	ctcttntntt	660
cactggtnct	tgcanttttt	tcctaagtna	tttnntnggg	attatttnat	ttcaacccaa	720
cacttgance	ctttttanng	ccaatgcact	tgggttaaacc	atgggggnaa	aaatgcccc	779

<210> 4130

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4130

acganagcta	cttggttcttt	ttgcaggatc	ccatcgattc	gnnnctannt	cgagaagagg	60
tntggtnacc	tnctgntgen	cncnctgggc	tggacggnaa	gangactnnt	nnntcnangg	120
ngngnnnnngc	ggcacaccng	gtatttganc	atgcattatc	tncacacact	gtgcagcatc	180
ctttggagag	cacaacgcat	ggaaagggtca	tnnannntnt	ganttgccat	ntcnntngcg	240
ngtcntccta	cccaagtaaa	agntaccttg	gcnatnntac	cnccgntttt	ntcactcnen	300
aggacntatt	acctnggggtg	cntnnaacgt	aatcnnttac	tnnnnctcat	tctnacnnnn	360
nttggaacca	tngncttgct	gncacaccta	tgaagnactg	tttcacagcn	ctttcacttc	420
ctacnaaggt	accatgttat	ttatcttgcc	tnaaaaatc	tgaattntac	ncttaaattt	480
taanntttnt	tnactntnaa	ngcaaaaaatt	ttttgaactg	aaaggtcntt	aaaggcnttt	540
ngactcttca	tttttcaaat	tngggaaaaac	aatgctcaaa	agagttntnt	tnaccttngt	600
aaannaangg	gaanaanaat	ctggaatctt	tcttgancct	ntacnttaac	ctcttntntt	660
cactggtnct	tgcanttttt	tcctaagtna	tttnntnggg	attatttnat	ttcaacccaa	720
cacttgance	ctttttanng	ccaatgcact	tgggttaaacc	atgggggnaa	aaatgcccc	779

<210> 4131

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4131

gnnnnntttcn	aaanntttttt	gaaanccttc	ttnnccctttc	aaancgcttn	cgaattcggc	60
acgagcactt	gtcaggggag	aggggacagc	aagggtgggag	gttgaagagc	tttgaggctc	120
agcagcatgt	ttgtggcatt	cggtggacac	catggccttg	ggcggttgga	cagggtttttg	180
tgatgtgagg	gacacgcatg	gggcacatgg	taagcttggc	aagggtccca	ggaacgctga	240
cgaagggttt	taggaccccc	acccccatgc	ctgtaccagg	gctggcctnc	agagcggttg	300
aggacagagc	agctgtgggc	ttttcattct	gaggtcttgg	ccccctgcc	accgcaaggg	360
actcttttgc	tgtcagggtc	tgcaaaaacc	aaccttcgag	aaagaaaagg	gaactcttca	420
cgttgaatgt	tgactttgtg	tgtatgcctg	tgtgtgtgtg	tgtgtgcacg	cgcgcgtgtg	480

cgtgtttact	tcattggaatt	ttgtttttgtg	aaattcccct	caatcgtgtc	agaattttacc	540
ttcatgcccc	atcacactgt	tggttctgcg	ctctgaacct	gggtgtagct	catttgaang	600
actctcttct	gcgtttccta	acagttatct	ggtggtctca	aaagttgang	ttgtggaagg	660
gttgggaaga	aactgaagtt	ctatccattt	ccatagaatt	tacatnctgc	atttnaaang	720
canggaaggc	ttaaccccg	cccaaaactt	ncaggcct			758

<210> 4132

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1335)

<223> n = A,T,C or G

<400> 4132

gccctttcta	antgctnaga	cccttggtact	cctcatgaac	gtttggnaaa	tnccgcacga	60
ggaaacagac	aaatctgtaa	taacggccta	ancctntttc	tgngatnagn	ntcatttttg	120
cccantcnaa	aaaaatgtgn	aatagnttat	tcaagncaan	cagctcattt	tccaacaatc	180
ctnngctcat	gtgatcccc	aatncccaca	actttntgga	naaccnngg	gccncanatg	240
gttgtggaag	aatgggggtt	tagatgggtt	cgnggaactt	gnagggtatg	aaaaagggnc	300
cannccaggc	tngaactggg	gattnggann	aaacnccaat	cgnaaaaccn	ntttttaaan	360
aacnccccct	ttaanaaggg	ggcacctgnt	ntttaacggc	taaganaaaa	tttgggaattg	420
ccccctcan	gttncatnna	aacggggatt	tggaattttt	ggaaccccct	gggggnnann	480
attatcccat	ccacaaanng	gaaccctggg	ggcancnccc	aggggganct	ttgggaaaac	540
aagggggggc	ccttggecct	ttaacggccg	ngcctntttt	tgggcantaa	ncnaggctng	600
ccctaanaan	gggggcnccc	ctttntntaa	cncccanna	cctttncggc	gtttcncant	660
nccccntgg	gncttaaaan	ctgggntgcc	cntgtctatn	ncnagacccc	tttttngccc	720
ntggggggnc	nantttaagn	cccccccnt	tgggaaaatn	tcccccaan	nggngnanng	780
ggngngcccn	aaattttnc	nnccnncnt	ttttgcnanc	ntntngggcc	natcccttat	840
ggntnaaacc	cttngnaagn	ntcaccaa	at	tnnggttggg	cccccttcta	900
caaaaaangg	nnngggnnnc	cntttgncan	cattnncttt	tcccaanacn	ctttggnggg	960
gnaaaaaacc	cctgtaanan	ncaagcncn	gggnaanata	aagggtaaaa	atcncccng	1020
ggnnccctta	aggnntttt	naaagggaac	mntaaanccc	cncccngggg	ngnnaaattc	1080
cttgggcttt	tacnncnt	ttngnccnca	acnntgggac	naaaggnttc	tnacnagggn	1140
aaatnggggg	ggcntnaacc	cgaacccccn	antnccnct	aagganagcg	ntaanttaan	1200
gggaancttc	ngccttgcaa	anaaagntnt	ttgnacaatn	ttngcncgaa	aanngnggg	1260
gaactnaaaa	ctgggaccaa	antcncnng	gncctanacn	ttananaaaa	gatgntaaac	1320
aatngcccc	cccc					1335

<210> 4133

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4133

ggtnnnnatt	taanntnagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggunc	ctgcaagggc	tgggtgtgga	acaagcannn	tnngtgcntg	aagcaaaagt	120
nanacngngg	tgttnactgt	tgatgtgacc	ccacaaaagt	tnngaaccgc	catcaaggcn	180
nggntagctn	gggcactgt	gancggaccc	anaattncnn	nggntccttc	naactgnang	240

atcctaccna	ggtnaccenn	ggatngngct	tntntaatnc	nntttgtgcn	accccnata	300
gcnngatect	gaaaganatg	tgccatgtng	ancaggtgct	gtnaaagaag	actgcttcng	360
ctccctgncc	ttttgacctc	ccngagttga	aacatgtagc	aacacgnntn	ccatagaata	420
caaggctcca	gntgaagaaa	aagaaacggg	ntctgggtcag	naacaatcag	nttcctntnc	480
ttggangatt	ccccntntnt	aatnaaaagc	cctnatttna	nttttnnang	cnttnaattt	540
tttacncctn	caatntttgg	tttgcntaan	atgctttttc	aaggtttgan	aaccctttaa	600
anggggggtt	tttttnaaaa	tggaactttc	tntgggattt	tnagggtttt	antttggctt	660
anttnaaaaa	aaaagntaac	caaaaaccgt	ttncctgnaa	aaagaanggt	nnacccttta	720
aatnggatnt	tgggcccttt	aancctttca	atgttccang	gnttacctna	cttttangtt	780
ntntcccaaa	aaaanggttn	ctaangtntn	ccttatttgg	actnnaanaa	ccnaattga	840
acttttnn						848

<210> 4134

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4134

cntnnttgnn	cnnnnnnnng	ggggnnttgc	antgcggnet	aatggctnng	gctactngtt	60
ctttncgcag	ganccancg	attcggaaaa	tataggcctt	tattgtcttt	aacattgaag	120
taactttgta	gttttattca	attatgagcc	agcagatcct	tagtttaggc	ccttatattg	180
cataccta	tagaactttc	cccaaagtcc	aactgcatga	ccttaatgta	ttggagcacg	240
tcttacaggt	ggacttaaaa	ctctagaatt	tcctgagtcg	ttgttatttt	ccactgaagg	300
tctttccact	gtacagcatt	tcaggcatca	tcactatgat	tcttttttct	tgactgttgc	360
ttgttttccc	actgctcttt	tccccaatgg	cgagctgggt	gtgccatctc	tggggctctc	420
ttataggaac	tcacagtcta	gcctactgta	ttttgttttc	ggagaagtga	aagtgaacac	480
tggtatttgc	catcatacct	ccatcaagaa	tttcaacttc	ctaggaaata	tatgggcctt	540
tcattggaact	gatgattact	gtggctgatg	tgagtgttgg	gcttangatg	ctcacatgtg	600
gtagttggaa	gttttgta	ctaagatgga	aatgagtggg	ccatttaaat	ggccatctaa	660
aggtcacagt	gactgcanaa	gaagtnagaa	gagagtataa	ttcttcagct	ccctggactt	720
ccatangaaa	gctngaaaaa	cttatacca	gattacccaa	aaaaaaaa		768

<210> 4135

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (798)

<223> n = A,T,C or G

<400> 4135

gnnnnnnnnt	tncgngtg	cnnttaggtg	ggggnnttct	nttttactna	tagctngtgt	60
actcgttctt	tncgcaagat	cccancggtt	cgaattcggc	acgagggnaa	cctttcaatc	120
actttaacta	gtcncttaag	gactctaggc	ccagaagcct	ggtttctggg	tgaatgtttt	180
tatacatcac	tcaacttccc	tcgtcctaaa	aggacaccta	attttggttac	tattgaaaat	240
ttttattttg	gtggccagaa	tacgaaatcg	ggagaggtaa	cccaaacagt	tgtcttagga	300
aaaggcagat	tctcagaggc	aatgggctat	caacaaaata	gggtgctaagc	acatttggtt	360
gtaatgatca	ttcatataat	ttanaagatt	tatggtaaca	gttttatattc	attatccata	420
cagttctatt	tttgcaaata	gaataaccac	ctataagcaa	acagtgttaa	tgagaaatat	480

atattgtntt	aagaaaatag	catataccac	atgaaaaaga	gtgttccott	tctntttttt	540
tttttgccag	aatcaagt	tggaagnctt	gatcaaagta	aaactaccta	tttgaactgc	600
acanataaaa	ctgggggtgcc	caatccntat	tttacatttc	tnggggttga	ttcatataac	660
tttgaanaaa	aaaagttnac	tattnaaaaa	gtcnnngtgng	ccttcacttt	tgacttggac	720
ttctattccc	ctttttgtcc	tgggattnct	ttttcctacn	cnatttctnn	aaatnttatg	780
aaangggcnt	ntntncnn					798

<210> 4136

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1105)

<223> n = A,T,C or G

<400> 4136

gaccccnttc	ntgattgggn	cnnaggtggg	gggttttcc	ttttactaaa	tngctngtgt	60
cntccntant	ctnctnanna	nnnagagcnn	agtcctcana	cagencgnag	ccccantagc	120
tgggcctaca	ggcgcccgtc	nccacaccna	ctnttatggg	ggggngnggg	gnnggggaga	180
cggggnnttt	accatgtttg	cnccccgcng	gtgnccncgt	ggtcannnct	gnngaccanc	240
tnttnccggn	canancncnc	cggncctcnn	atcccnccnc	aggncncncg	ncncctnca	300
nnnntgaann	ccncccccn	ctcnnancta	acnnagnagc	acngccaant	tcnnntntnn	360
cgtnncantt	tnactacact	tnttcnnctc	cctntttcca	ctctnnngnc	ncnnncnnnc	420
nggtctnant	ncctncttc	ttntatagac	gntcatcacn	nccacncca	annttnnctt	480
cancataatc	ncntntancc	tnancncnn	anntacggcc	tcnntctccc	ccccctnttc	540
tcacncttan	ttctnctctc	ctctcgcccn	tnctnngccn	ncctcncctc	ccccctnaa	600
tnntctnctn	ntctctccct	ntcnnttttc	gntnancacn	catnncatcn	ccaccacctc	660
ancntatct	atnatcttan	cntcctcnc	tcctcncctc	atcaetgttc	nacncctnct	720
cacancannn	atctcctctc	acannntgct	atcatctana	tctctntctc	ntcntacca	780
nancctntac	aanntcttct	ccctctcnca	tctcncctca	ctctnnncnac	nntnacnnct	840
taccgcacgc	ctccnctctc	accttcaactn	ccccactntt	cantntcgnc	ncgncctnn	900
gacctctctt	cncncnatte	cannnnctctc	ctcctaccna	tnntcnatte	tcnntcatna	960
ctactntntc	ancatccana	ncctnctent	cataantccc	ctcgacnntn	ncncacctct	1020
actntgcgcc	cncnnnccac	tttctctctc	cnntangtca	cctaccaanc	anntnnatct	1080
nnatttctan	tcnantacnt	tacct				1105

<210> 4137

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4137

nnnttttntt	tnttggngnn	gnnnagtgng	gggttttctt	ttttntaan	ngctgcgcta	60
cttgttcttt	ttgcaggcat	cccatncgat	tcgaattcgg	cacgaggaga	tccaagtggg	120
ttagaagggg	atgattgctg	gtgaaggttc	tgaacatggg	gacaggtggg	aggctgagca	180
cacactcgta	caccgctggc	aggaagagaa	atgacttttc	tggactacaa	tttggagata	240
acacaaacat	taaaaagaag	aaaaaattgt	atcccttttt	gactaagcaa	ttctaggatt	300
gttatttttt	tctcctgagg	aaactagcat	ggatgttcac	attcaggtgt	ggggatgttt	360
atcaatttgc	tatttttagaa	aagagaaaaa	aagttagtca	tgtcacaaga	taattttcat	420

caatatatgg	tacatccatt	tagtgaaatg	ctgtacagcc	atttaaaaag	atacagaaga	480
ggccaggcac	ggtggcctta	cttggttaat	taaaaaaaaa	aaatctgtag	agatggggta	540
tcaccacgtt	gcccgagctt	gtctcgaaag	cctgggctca	agtgatectc	ccacctcagc	600
ctaccaaagg	cctctagaac	tatagttagt	cgtattacgt	agatccagac	atgataagat	660
acattgatga	gtttggacaa	accacaacta	gaatgcagtg	aaaaaaatgc	tttattttgtg	720
aaattttgtg	tgctattttgc	tttattttgt	aaccatttta	agctgnaatc	aaacaagttt	780
ncnn						784

<210> 4138

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4138

ctntntnggt	cctnnnnngnt	ggctttctaa	tgcntaannc	tgntgggtctn	gttntttttcg	60
caggacccat	cgattcgaat	tccggcacgag	gtgggtacctt	ggcttttaggt	tttcatttcgc	120
acggaacacc	ttttggcatg	cttaacttcc	tggtaacacc	ttcacctgca	ttgggttttct	180
ttttcttttt	tctttctttt	ntttntntng	agttgttgnt	tgntttttaga	tcacacagtac	240
atgagaatcc	ttttttgaca	agccttggaa	agctgacact	gnctcttttt	cctnccctcta	300
tacgaaggat	gtattttaa	gaatgctggg	cantggggaca	tttngtcaac	tatgggtatt	360
gggtgcttaa	ctgnctaata	ttgccatgtg	aatgttggtat	acnattgtaa	ggcttatgtc	420
actaaagatt	tttattctga	ttntttcata	atcaaagggtc	atatgatact	gtatagacaa	480
gctttgtann	gaagtntang	ancancnatt	tctgtacctg	atcaagttta	ttgcancctt	540
tcttttccna	ttncctttcnt	tttaagggtta	gtattancaa	atggcaatga	gtcnaaaagn	600
tancatgaag	atttttnnaan	gagagaactt	accggacaca	gattngtgan	ncttttgactg	660
gggacaccta	ttggatgtga	ttcttaaaaa	gcttttnnatt	ggagccattt	ngccaaaatt	720
ttgnaaanct	ttcatagggg	gnattggacc	nttatttatcc	natnaatncc	ccctcctata	780
ttnc						784

<210> 4139

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4139

tnngnnnnenn	nnntggggnt	ttcaatnttt	cnaantgngt	ctngttcttt	nngcaggatc	60
ccatcgattc	gcaaaaagcca	cctttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	120
tgaagcggcc	gtccccaccc	ccacagcctt	cctcggtcaa	gtcgctgcgc	tccgagcgtc	180
tgatccgtac	ctcgctggac	ctggagttag	acctgcaggc	gacaagaacc	tggcacagcc	240
aattgaccca	ggagatctcg	gtgctgaagg	agctcaagga	gcagctggaa	caagccaaga	300
gccacnggga	gaaggagctg	ccacagtggg	tgngtgagga	ccagcgtttc	cgctgctgc	360
tgangatgct	ggagaagcgg	nagatggacc	gagcggagca	caagggtgag	cttcagacag	420
acaagatgat	ganggcagct	gccaaggatg	tgcacaggct	ccgangccat	agctgtnagg	480
aaccncaga	ngttcagtct	ttcangaaaa	gctncatgga	gchnaatcctt	ctgcctgatg	540
aagtgcattct	cagcatcact	tcagctgtcg	gggcattttgt	ngggagaacc	agaccacctc	600
tgcggaangc	agcanaccct	tttcagcca	tggatngagt	ttgaattctt	ctataaaacng	660

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ntcaccatca naccacccaa ttcattttcca ttgctttgcc tatagaggaa atttanannaa 720
tcanattnaa tgggtttcact ttattttnaaa ancnnnnnaac tctaaaaaact ntggncct 778

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<210> 4140
<211> 762
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

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<400> 4140
tggttntctt gntgggggtgt tccttnttnc aattatgtgt tctcgatcnt gtngcaggag 60
nanncnngcg ntggccggtg tgttgcccag actggncttc acctcctggg ctcaagtgn 120
nctcctccct cagcctcccc aagtgtctggg attatagatg tgagcccctg caccagacaa 180
ttatatattat tnttaaaaaac gccctcatg aagtctgggt aattctctcc agatttctcc 240
ttatcaacaa atttataaga gttaggaaaa aaatgatgta aataaagcac ttaaattgcy 300
acagtggntc tattcttaac atnataatgc ttatgactaa ggagcattct tntnnttata 360
aannaaatgt ntntctgnact gttagantac atgagggtca gagacnttat nagtntgtaa 420
gaatgcnttg tggattntnc taannnatca cctacagtaa tgggctatgg ctaacaccct 480
ttnacaaaat ngaggnnac anatgaaatt ccagttanag atcataangg tgtctgcggt 540
gaccntagt nntnctnn cgattacngg cgcnaaattt aacgatganc tnnagctca 600
nnagntttgg annatttng ctnaaatgct ctcttgga ctaccatact tagcatatnc 660
ctgggaaata ctaaccgaat aatatncctt taaaacaccc cggcctcaac agataagatc 720
tatgatctaa cgtttnatc ttttcacaca ttattattaa tn 762

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<210> 4141
<211> 860
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

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<400> 4141
tggtttnnng gnttgggggtt ttcaantttt gctaanagct gggctactng ttctttncgc 60
aggancccat cgattcgctt ttctttgcag tatgaaggta gataattctt caagttaaag 120
atggactttt ttcaccagaa atggctttat ggaatcaatt tgcaaaaatg taagaggtgg 180
caaaggaaaag aataaaaataa tattttcatt ttcttctgtt attcttagat cctttggtag 240
attgtaaaact ccatgaaagc aggatacctt cttttgccct aaggcttggc ccaaaagaga 300
taccaaaaaa atacttgctt atatactaac ctagtctctg ggtgtgggag ccatagaggg 360
ttcanggtgg ggtggtgggg aagggtggng nnttncgtat atccgaaatg ttnctcatn 420
naangnatth nnagcaagtt tangaangan ttttgctnaa tgaaatngnc anagaaccat 480
naanttncat anatgccnat gcctnaaagc ngccttttga agctttatct taangntctc 540
acccttcata acnnccaaac gnatnacntn tttccttanc tttggnattn natannnaac 600
atangctcnn cgtttattca anantccana acctnggng gcnnttatan tntctcctnt 660
nccnnaacct ttggaaant naanctggg ncnttttnc atttctctc ttttttanca 720
natanatann ncnnctnct tctntntana nntnnnctn nnnnnctnc cntnctntcn 780
cttttntnn ncannntnct cntcntann ntttncntnn acannctnnc tantnnntn 840
ngntnctcc nttntntnc

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<210> 4142

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<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4142

nagngcnntt	nnggtggggg	tttcnaattc	ncnctaaaac	tggggctact	cntnctntcc	60
gcancaancn	ngcngntcga	attcggcacg	agaagggaga	ggcagtagga	ctaggagtta	120
aattgtcatg	ccgaggtctc	tgagcatggg	tgggcctgtc	agaattgtca	tcgctcactc	180
tgttgacttc	cagcagctga	caggcaaggc	cctaggaagc	tcttcagcct	cctttccttg	240
ctagaggtgc	tgttttccct	ggaaatgttc	aagccctgca	aatcgtttct	atagtaacag	300
gtctctgtct	tttttcttat	gatgcagatt	tttgaaaagg	tttcttatct	aaatgttctt	360
gggatctatg	gtcttcctac	ctgtagctcc	tttgattaga	cagagccttt	atttaaagac	420
ttttccccc	aagaatgttg	ntgttgcttc	taccaaata	ataaccantn	gntagtttta	480
ctagtgttg	aagtnttagt	ttattaataa	agcttcatnt	naactatnaa	aaggantggg	540
tgngtacnaa	tagtaatacc	ngaaaaaact	aatattcact	gntnctctca	tgtattnngn	600
aactttaatt	nttnattatg	naaaaccttc	aaacataana	gtagtcaaaa	ttatataata	660
gacacctata	tacttaccac	ctanattgaa	aactaacatt	cttgccatat	tggcntacnc	720
tattccatac	tgatagtaaa	ncntagacca	tgtattttaca	nn		762

<210> 4143
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 4143

attntacagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaaaagggtg	gccatgtgag	60
aaggactcag	caagactttg	ctggctttga	agatggaaga	atgtggccaa	aagcctaggg	120
atgaatatgg	cttctagaat	ctataataaa	caaggaaaca	ttatttccca	gagcctctag	180
aaggactgcg	ttttgtcttt	gcctcggttt	tagcccagta	agaccattt	tagacttctg	240
atctttggaa	ttgtaggtta	atgcatttat	attatttttaa	gccactaatt	tctggtaatt	300
tgttacagca	gccgtaggaa	attaacatgt	aggaaaataa	acgtttcaat	gccaggtat	360
actctgaggt	caagccagag	aagagttggg	cagagacttc	aaaaacgatg	aaggaggggt	420
taggaaggtc	ctagcatcag	tggaatagaa	taaaattact	cttattaaga	ggggaacctn	480
accnttagng	ganaaatnct	gnaaatgggt	ctgagacaaa	atgcnttana	gcaactgggtg	540
ctagaaaaat	caaacatagg	agatttagga	anatggangc	ttgcaatgaa	ttatgattgc	600
atcactatat	ttcanccctc	atccctgtct	tccagaaaaa	aaaaaaatng	gggatttnaa	660
aggtttattg	gtnccttaang	gccagccent	ttgaaaaanc	cattgggtttt	tggnaaagga	720
aaaagggcca	atttaaaang	ggacctgtnt	tngtaccagg	ctttgttgna	tttgggaaaa	780
aaa						783

<210> 4144
 <211> 1063
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (1063)
 <223> n = A,T,C or G

<400> 4144

nccccntnnn	naaggggggg	tgggggggtct	caactngcta	gcgggtgtgna	cnnchnaactn	60
gccnaaaaga	aggntggggc	natccngcac	gagntgacgg	ngcgggntcg	ggntttgntg	120
nttgggnanaa	nccttccnat	atctccagtg	cggganncac	tatctggtat	ctctattgac	180
ctacggggang	ctttccctnag	tcantcgcta	cncactgna	ctangngana	ccacgcnaacn	240
ntacncttan	atncntcnng	cacatctgaa	ntcacnngga	ngnttagtnc	gcagcgnccg	300
nntccacann	ccngatcac	gcgccctcnt	nnchnaananc	atannctcac	ttgntgttnc	360
nccgnntann	ttangttngn	ccnaa caaaa	ncttacnncn	ttntcagnan	nactccacct	420
cttccnccga	aactnnncnn	acngnncatn	nnancnngct	tcnngcnct	ncnnnnnngc	480
ngnnccannt	nntnaatngc	cntcnnctca	acacgcccaa	accttacnta	tatncctttn	540
accacncttn	ncnnanccct	ctaccncccg	anctctcggt	necccatnt	cnanttctnc	600
tctcnchnacn	cncctctctc	nccnncctca	tccccccent	naatngnncc	tncatcnac	660
nacnttgnat	gacntcttct	cnnccntacc	naccnctct	ccaactnct	ctggcaaaaan	720
nntcctcnen	ttcatatact	antnnntatc	tnccctntgn	acnntcttnc	ngncgcaaaa	780
ntcanctect	acacnnnaca	cntnnncnctc	ncgctngcac	ctatctactc	aactnctatg	840
cactcatcgn	nnncaanac	tnacctcnca	aactctntnc	nactnccnca	nancccccca	900
cnnanacana	ngcgncaana	caccnncaca	nanggcgata	cncttatnac	nctcngancn	960
nanatcnccn	ctctacnenc	nancatncac	gtntctcnct	atcatcngcg	ntcnncnaac	1020
tcagcagttt	annacnccat	actnnctnca	ngggtcaan	tat		1063

<210> 4145
 <211> 996
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (996)
 <223> n = A,T,C or G

<400> 4145

gcncctttgna	annttttccct	aatgctgggt	ttgctacgga	aacccttggc	aaatccggca	60
cgagcttccct	gtgccagggg	accgtggaga	aagtgtcagg	ggccgctcac	tgcagcantt	120
ttgctctgct	gctncccnng	gcagcgtntc	gngggtnngta	caccaaana	gctgggtgtn	180
cngggcgggt	gcttgnaatc	ccanatactg	nangangctg	aagctgcatt	atcgcttnaa	240
ccnggggggn	acgangangc	canggagnca	aaatgggggc	tnntaganca	aaactttgtn	300
tcanaaaaaan	aatgaataat	nanacaagaa	aatggganaa	gccccataa	cttacnnngt	360
ntctcntggc	cnaangcaaa	aactccactt	gnaaaagccan	ganaaaacgg	ggnaananca	420
aaacaaanct	atcacntgga	ccnnnaaaca	naaaanccaaa	ggattnnct	tcccnnaaat	480
tggantnaag	attcaatgga	catgggnacnn	aaaaatncag	nggtaccgga	actccngana	540
ngcnntacag	gttgcncaaa	aangaaaccn	naaaannccg	ggagngnttn	attaaagggg	600
ggnattnctg	cncantttta	agggaaaggg	ccaccaagn	attnagnac	aacacnntgt	660
tgacgggaan	tccattntnn	gcgaganaaa	nggntgntac	atccccaatt	ntanaaaaang	720
gcctnnaaaa	aaanatnttt	nnaaccncac	naaatcnttt	ancactaggg	gatttcnaaa	780
aantagccnn	nnnaatatn	gggggaaaaan	aaaancgatn	nnaganatca	tacnngaaa	840
aaccnngggg	tnattngana	ancacnttt	nnaagntann	ggggcatngc	ancncaaagg	900
gngcantaaa	nanatagncn	ganagnacat	tanaaccct	tggtganaaa	aaccccaagn	960
angncccaa	anaggattgg	ctnnaaaaaa	aaaang			996

<210> 4146
 <211> 783
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4146

ttnaagctna gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagct	60
aagccccaaa acgaacttca aactgggtgt ggtggcacgt gccttttagtc ccagctaccc	120
gggaggctgc ggcaagagga ttgcttgagc ccaggagtgc ggtccaacc tgggcaaaag	180
agtgagaccc catctctaaa accaaaaagg taccttagaa ggtcacctgg ttggctaacc	240
ttttaaaggc aggggcgtga cacgtaggac acattgggaa tgtcttggct actacatgta	300
gccttctggg atatatgtgc ccagagggag aagcactgag cctgaagaaa ctagatgagt	360
ctcagaacca cagaccggcc agaaatctct cccaccatta tatcagcgtg atacaggtct	420
acattcattt ctacaaacag gaacaagtgc cttgcagcaa taatttantt tattaacttg	480
gnttttttaa ttnacccttc cttttgaggt taantttcat cacattatgt tcaaanattc	540
ccatatnttc cgtaaaaatta ccagcttaat tacangggca tttgttccca ttgggttant	600
tnaaaaatca ggangtttat ttaaaaaatn cctgagttct ttaagggctt ggctttaacc	660
ttttcaantt tccacctggg ccttgtnana aaccagttca agcttggaaa accaaagttc	720
tttnatttgg ngggtcantt tcttgncaac ttttttggac tttgannccc ttggacanna	780
ctt	783

<210> 4147

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4147

ggntnttnaa acnnnagctc tngttctttt tgcaggatcc catcgattcg cccggaagca	60
tccaggatgt gggaacattg tgacatttgc acaattttta tttattgctg tggaaggctt	120
cctctttgaa gctgatttgg gaaggaagcc accagctatc ccaataaggg ttctctaatt	180
gccaacatga ttctaggaat tatcattttg aagaaaagat acagtatatt caaatatacc	240
tccattgccc tgggtgtctgt ggggatattt atttgcactt ttatgtcagc aaagcaggtg	300
acttcccagt ccagcttgag tgagaatgat ggattccagg catttgtgtg gtggttacta	360
ggtattgggg cattgacttt tgctctctg atgtcagcaa ggatggggat attccaagag	420
actctctaca aacgatttgg gaaacactcc aaggaggctt ttggtttata aatcacnccc	480
tttccaattt tccgggtttc gentnnttgg gnttnccgaa tttnttnnac ccatgccant	540
tcttattcaa ataaagtcct gaagttattt tgnaaattcc ccgntcattc ggggaaatgg	600
accccttgcc ccaatcaatn gtggggnttc ttaacccttc cttnattgga aaccattnat	660
tcnacctcaa aacccccctt tnaaccnctt gnggccaaact tggcttgggc accttggttt	720
gggctttcaa ttgggggaacc tttaatgggt ccaccnnaag gtgttgggaa caaccctagg	780
ggacccccca aaaaagtgga gccctcanaa nggacancca tnaat	825

<210> 4148

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 4148

tttnaaaancg	ttagctctng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
acaccctgga	ctcctgcagg	ggaggacaca	cggaggtgga	caactgcaga	tacacttact	120
cggagtggca	cagttttact	cagccccgtc	ttggtgaagt	gagttttcct	aagtggccta	180
caaattctatt	ttaattttct	ttaaacttta	taaataacta	actggattct	gactataatt	240
ttcaattaat	tatgaatcta	ctaattctac	taattgaaag	ctattatttt	tcctcaattt	300
taatttagtt	atgttcagat	ttaagtgggt	atttacttcc	cctcctattt	ttttaattga	360
aagaattact	aaataatgtg	tgatgagatt	taaattactg	tctcatggct	ttgtgcta	420
atttcccatc	tgacaacttg	tacottagaa	accaaaaatg	tggtaccagc	aanaccacgc	480
attgtntctt	tacttttngt	nnntntnggg	aaanaaaact	gacccccatt	tttaatttgg	540
ccttcaantt	taaatggggg	tgcnatgntn	actttttcag	cttaaaaant	tttgaaaagg	600
naaaagtant	ggactttttt	tanaaatgga	acaccctgtt	attacttgct	ggccacatgc	660
cgtggacttt	ttannaaaca	tgcttntact	ggaaatttat	antgggtgaat	ggtttgaaac	720
cggacccant	cttgtgcatt	ttttatgggt	ttgggaatnc	cntttgangg	ncacactttt	780
gttaaaaatn	aa					792

<210> 4149

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (802)

<223> n = A,T,C or G

<400> 4149

tnnnntttcaa	atncnaggct	actngttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagngnag	ctcancnnat	gtatnttgnc	acttggggagc	atcatctttt	caagggccac	120
tttgagggtga	aatggntntt	ttacatactn	agcatcaatt	tggnccataa	atcaggagac	180
attcaccctt	ctccacccca	atttccaaca	tcccctcctt	tgnaagagaga	gcactntnga	240
anccactgag	cccnatagcc	ctagggccta	naccactatt	ncaaaaangga	agacttttctn	300
atnactatga	canacaccca	nnctggantc	ctctgacctg	actnaaagct	ctaaccacca	360
cctntttttc	cagtgcacac	ccttntactc	actaaaaatt	tctntccact	caaaactagcc	420
tggtatgcct	tccctgaacg	gggcttgtgt	nttcccatta	gctcaacttt	gcttacatgc	480
ccaggttnaa	aaccccnttt	cnnacaggcca	gacaaaantgc	ntnanttntt	tcnnacacgt	540
aaaatgaaag	gctcttgngg	tnctntnaaaa	ggcctcttan	aaactattgn	ggagtcnttt	600
ttncctgttg	aatccanact	tggtattanga	ttccattgga	tgaaattttg	gnacaaaacc	660
ncnaacttnn	naatgccnnt	ngaaaaaaa	atggctttta	tttggggaaa	atttggggaa	720
ngcttnntgg	ctttaatttn	gnaacctttt	ttaagctgcn	attnaacaan	ttaaccaanc	780
accantggca	ttctnttttg	nn				802

<210> 4150

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (788)

<223> n = A,T,C or G

<400> 4150

ttnnttcaaa	tcgctagget	actcgttctt	tttgcaggat	cccatcgatt	cggaaccttt	60
gaatagtgg	tgtacataca	gtttttcaga	gctgggtgtt	aataacaata	tttttcattc	120
taatattaca	ttattctttt	tatcatttag	gtctttatcc	gtcagtgtt	ttagagaact	180
actgcacttg	accacaaact	gataaatact	tggtactgcc	ccatctcact	gttctgttta	240
ctttgtctta	aatatctctt	ttttttttcc	caggcagcta	gtacaccact	gaatccttta	300
agctttcagt	gtgaatttgt	aaaactcagg	attgaccttt	tacaagcett	ctctcaactt	360
atctgtactt	gtaatagcct	gaagacaagc	ccaccacctg	caattgccac	aacaattgcc	420
atgaccttag	gaaatgacct	ccagaggtgt	ggtccgcata	tccaatcagg	catgtcttaa	480
ctttnagtgc	atttttttatt	tanccctttt	aaaggntttt	caaattttan	natgaaaagt	540
ttgnaaaatt	tnaaaatcag	nggggtttgaa	ctcanaacat	ttttcataaa	atgtttaatt	600
cactcaactn	gnctnggctt	aaaaaaatag	gctggatggg	gttattanga	aaagataaag	660
tggtttcatg	gtaatctcaa	tgggggggcta	ccataattta	ttttaagag	aaanggneng	720
atttttttta	aaaccttgga	naangtttat	aacttaaatt	ntttnatngg	aacttgaaaa	780
ccctaaan						788

<210> 4151

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4151

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cacgaggagt	tcaactgcaa	catccgggca	ccttcaaagc	agatgggtctg	gtgcagccgt	120
cctcgtagca	aggagagggc	cgtgggtggtg	gcctgggaaa	ggcggctgat	ggtaggtgggc	180
gatgcacccg	agagcatcca	gtttgtgctg	gatgaggact	cctacctggt	gcctgagctc	240
gatgggggtcc	gcatcttctc	ccgcagcacc	cacgagttcc	tgcattgaggt	tccagcggcc	300
agcgaggaaa	tcttcaaaat	tgcttcaatg	gccccggggg	cgctgctcct	ggagggtcag	360
aaggagtatg	agaaagagag	ccagaaggcg	gacgagtacc	tgcgggagat	ccaggagctg	420
ggccagctga	cccaggccgt	gcagcantgc	attgaggctn	caagacatna	nccccaccn	480
gactncccaa	aaaattntgn	tcanggcccg	cttcttttgg	aaagggtttc	ctggacagat	540
ttccaccgca	aaagcttctt	gcacattgtg	tcaaggacct	gcgtgtgctc	aatgctgttc	600
gggactntca	cattngggat	cccgttacct	attgccaatn	taacagggtta	ccttcaagtg	660
ctgctggaaa	gctctgttgc	ggaaatttac	ccctggcata	caatttccaa	tntctgcnctt	720
ctaatacaggc	ttacnggact	ggccct				746

<210> 4152

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4152

gnnnttttnan	natacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaaagt	tccattttgt	tgatctcgca	ggatctgaaa	gactgaagcg	tactggagct	120
acaggcgaga	gggcaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagtg	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaacaa	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300

tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaadc	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcattggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agnttcattg	acattgttcac	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acatttgcta	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4153

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4153

gnnnttttnan	natacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaaggt	tccattttgt	tgatctcgca	ggatctgaaa	gactgaagcg	tactggagct	120
acaggcgaga	gggcaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagt	cttggggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaaca	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300
tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaadc	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcattggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agnttcattg	acattgttcac	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acatttgcta	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4154

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4154

gnnnttttnag	ntacagctct	tggttctttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcaaggt	ccattttgtt	gatctcgag	gatctgaaag	actgaagcgt	actggagcta	120
caggcgagag	ggcaaaagaa	ggcatttcta	tcaactgttg	acttttggca	cttggcaatg	180
taataagtgc	cttggggagac	aagagcaaga	ggggccacaca	tgtcccctat	agagattcca	240
agctaacaag	actactacag	gattccctcg	ggggtaatat	ccaaacaatc	atgatagcat	300
gtgtcagccc	ttcagacaga	gactttatgg	aaacgttaaa	caccctgaaa	tacgccaatc	360
gagctagaaa	tatcaagaat	aagggtgatg	tcaatcagga	cagagctagt	cagcaaatca	420
atgcacttcg	tagtgaaatc	acacgacttc	agatggagct	catggagtnc	caaacaggtt	480
aaagaattan	ttncnnaaaa	ggggtttggg	aagcttcatt	gacatgttca	tganaatgct	540
atgctacaga	ctgaaaataa	tacctgcgtg	taagaattaa	agccatgcaa	ganacgggtg	600
atgcattgag	gtccagaatt	ncacacttgt	tagtgatcag	gccaccatgt	tcttgccana	660

cangtgaagg aaatgaggag attagtaata tgatcatagt nttttaaaga aatcgaagat 720
 ctcanggcaa atttttagaa gtgaaccatg atga 754

<210> 4155

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4155

gnnnnnnnttt	nngagggggn	tttggggggt	ttttnaattt	ttctancgng	tgagganctc	60
gaactnnccn	aaanaaan	gcgggtcgaa	ttcggcacga	gatttgattt	aaaaaaggag	120
aaatgttcac	actcagtcta	gaccacttag	gtatgcagag	ttgcatcctg	aaagcaattg	180
ctcacacttt	ccttaataata	ctccctntcc	acctttgcaa	aaccttgatt	ggcatggagc	240
ctcnactgct	tgcatgtgat	acacatgtaa	taagaaagca	ttaaactctc	tggaaaattag	300
gaattgacaa	gataaataga	taaggcataa	agccaatttt	tcacacatgt	ccttaggctc	360
ttgtaaattgt	gtgcctgggt	ctgctttgac	ttncagggtc	cgggagggtt	tctctttctc	420
tcttntccca	angtgaggct	ggcaagctat	cagnctctcc	agagcaaaga	gaaatggcag	480
gagaattgac	tgcggtgaacc	ccacagggcc	ggtagtggaa	aaataaatgt	ctaaattgaa	540
agggtcacac	tngtgtanat	ggtgactgtc	ntgcttgcan	cagctgagga	caccgactgn	600
gtgtagcgag	tgctctgctt	ttcatgttca	catctggctn	aataaagaan	tcacgaagca	660
nacctngcct	tggtctnaaac	cctntgngct	ggacacaaat	gactttgatt	ncaaactcaa	720
gtccttggn	ntgtcacaaa	ggacnaacc	ctggctggga	caaaanccta	cna	773

<210> 4156

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4156

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agattnggct	gattaacatg	gtgaaacccc	gtctctacta	aaaatacaaa	aattagctgg	180
gtgtgggtggc	gggtgcttgt	aatcccagtt	actcaggagg	ctgaggctgc	attatcgctt	240
taacctgggg	ggcggagggt	gcagtgagcc	aagatggggg	caataagagc	aaaactttgt	300
ctcaaaaaaa	aataaataaa	taaaaataaa	aatatgtcaa	gcccccttctc	ttcctgtctc	360
ctctcgtgg	gtgtacttga	ctcccccttct	cgccagatct	cacaggactt	tcagatttaa	420
gcaataacctg	gccaagaaac	aaaagcaaaa	tcattccatt	cccccagtg	attcagatca	480
aaactggtaa	taaaatcagg	tcgactccaa	aaggagacat	tggagaagaa	cgaagcgggg	540
tctataagga	attgcacgtg	agatggcaca	catatttatg	ctgtgtgagc	attacaatcg	600
cgttaccata	tcaagctgaa	aatgtcacca	ctatctggag	tgttggaaat	gtttattggg	660
aatatgtntt	ttctctgaat	ctgctatgaa	cacgtnaatt	gggtgggttc	aataataaat	720
atgtgagact	tttcattttca	aaataaaaaa	ggcaaatgat	gtaaaaaaa	aat	773

<210> 4157

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4157

cnaanttttc	taatgctgnt	tctatncngn	atnctnggct	anccnaacnac	nnnggatnncn	60
aattggcacg	aggcttcacg	agagactgac	ngctatnacg	ggcgtgggca	cttaangagg	120
actnttctgg	ccccagnctg	tgctgatgac	acatacacac	ctgacaatag	ctngngtntn	180
ctctgnncc	ttnnctctgt	naccancatn	cacnngatct	aaaacccttt	ctnaatatct	240
atcntggntc	atccttggcc	atgcagnctc	agagctntat	gnacttnatt	acncttnncc	300
ttngaacttn	tnntnagnta	cngataangn	gctatctttc	agctggatga	tnaacgnttt	360
nntctgtacg	nacatggacg	atgntttcct	caaaccctcta	naactataga	ccagtcactg	420
ntacntntan	ccagacatga	ttnnatacat	cnatgagtna	gnacaaacca	caactanaat	480
gctgtgaaaa	aaatgctgna	tntgatnaaa	tatgaaatgc	tatcgctata	ttncttccnn	540
catangcngc	ngtnttcatt	tagcaacaac	aattgcatcc	attaaaaatnt	ttttaaggna	600
cantttggan	ngtcccccaa	tnttggngaa	atncnanggc	cccaaaatgc	cangtgccnt	660
tananaacccc	ggggacccca	accttttnga	aaagcgttnc	acaanaaggg	gtnaaagttn	720
nanncgccct	ggccnnnaaa	anaaacnggg	naataacctn	ggttaaccct	gnnntttnaa	780
actnngggnnt	ttncnnnttn	aaaaaaaaa				809

<210> 4158

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4158

ctaanagttt	cntaatgctt	ncttctaata	ncntaattac	tcaggnggct	cnannnaaca	60
ggcgntgngg	ncnctcaccg	actcctccct	ggtnccacang	cttntgnggg	gccaccaagc	120
ccctnctgng	ccccctccca	tccatantgc	atggcgnttg	gngccccent	ggctccaaga	180
cagatcangc	ccnancttgc	ntctaccnnn	atnccnnctg	anaacgtgcc	actgaatnaa	240
ntntgggaaa	ccagaaaaga	tatacattaa	tttaagaatc	atttactatt	taaatgagac	300
aatcaatatt	attnnagaan	cannnatccc	aatgagaca	atcatnntta	anttncaaga	360
tancagaagt	gaccaatgtc	attnnacaac	acctanaaga	tnnactggtn	nntcaggtaa	420
angtagantt	ttactganaa	ncctgnatgn	atgtgacttg	tgcttttgta	ncnntnntnt	480
nccttacttn	tttngntttc	catanccctn	taannatgca	ttactttnac	tgatataaag	540
nnnnatecct	naaaagggtc	tttctnttag	ctntacaggt	nnacaatnat	nnctgggntc	600
ttgacncatt	tgnnacttan	ntnccctann	gcttttnagt	ataantttcn	aaancnnggc	660
cnttttagctt	ttncntnagg	ncanttnacc	cccttnttaa	aaaaangnnt	anttncngcc	720
nnaaatttgg	ncntgaatct	ttctccannn	tcggcttttc	cantattttt	ataaagccnt	780
gganagggnc	ncaaaantggn	tttggnctta	anttcctntat	atacttanct	cncg	834

<210> 4159

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (814)

<223> n = A,T,C or G

<400> 4159

nnnccttttg	aacctcacng	aaanccttcc	ttctaattct	ggcacgcttg	ganatcgaac	60
tnnctcnaaa	nanatnggtt	tgnggcctgg	ggcccttcta	gcctgagctg	gtgacctggg	120
catctgcacc	ctaaccacag	ctgaccgagt	cagatctttg	tccagtgttc	tgaagatcaa	180
atgccgtgcc	cttttgcaat	ataacaccag	ctgcttttag	tccacagcct	ctgacatgcg	240
atttgaagac	acgttttatg	gagcagacat	tatccaaggg	gagagaaaga	gacaaagagt	300
gctgagctcc	aggtttaaga	atgaatatgt	ggccgaccct	gtataaccgca	cttttttgaa	360
gagctctttc	canaagaagt	gccanaagag	acagtagtct	gcatacatcg	ctgcaggcca	420
cagagcactt	gggttggaag	agagaagatg	aaagggacat	ccttggggct	gtgcccgtga	480
gttttgctgg	cataggtgac	aggggtgtgc	tcttgacagt	ggtaaatacg	gttttcagag	540
tttggtcacc	aaaaatccaa	aataccccc	atgaaattgg	acgcagcaat	cttgaaatca	600
tctctaagct	ttgctttcac	tttgatgaacn	agttgncctt	ctattgatcc	caaaagaaag	660
ttttctaagt	taaaaggaaa	ttcctangtg	aatcaacccc	acnagggaaa	aaccacttg	720
ccacaataag	gaaggccggg	ttcccccttg	gtgccnggtt	taangggccc	cntgtaangg	780
naaacacnac	cggggnacct	tttttttttn	taat			814

<210> 4160

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (775)

<223> n = A,T,C or G

<400> 4160

tnnnnttttg	aaanntttcc	taatgcantn	gngaaacttc	tnaaaccntg	gcaatngctc	60
tttctgcagg	cagcccagcg	atncgaattc	ggcacgaggt	tagagtaagt	aaagatatng	120
ttaagaaaag	tacttaaatc	caagaaagag	agtcaacaaa	tattttatacc	attctctcat	180
taagtgcac	tggttccata	aatttaaaga	cagcgggttc	cccatatcta	tggntntgca	240
ttccatggnt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacatg	gaaaattcca	300
gaaataaaca	attcataagt	tttaagttgc	atgccgttct	gagtagcttg	atgaaatcct	360
acaccatccc	cctccatcca	ggctagtaca	tgactcatcc	cctngtccag	catatccaac	420
actgnctatg	ctaccgcccc	attagtcact	tagtagccaa	ctcgggttatc	agatcgactg	480
tcatggnatc	atagtgcctg	ngttcaggta	acctttatct	tacttaatatg	tgaccccaaa	540
tgcaagaatg	acataatggt	ataacnggnc	tattnnatca	ttaggnaatg	gnantagnct	600
cttactgggc	ctaaattata	aattaaatcn	atcatgggca	tatatattaga	ggaaaaaacc	660
atgggggacg	taggggtngg	nccnatnngg	gggtcaaaan	atccactggg	aagnctnaaa	720
aacatanggn	ccngaggaaa	aggaangagn	cccggaaacc	ttnaattntn	cttaa	775

<210> 4161

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (817)

<223> n = A,T,C or G

<400> 4161

gtnnnctttc	taatggcttg	gctactcgcc	ttctaattnt	ctaatncttg	genactcggt	60
------------	------------	------------	------------	------------	------------	----

ctttctncaan	gnaccnntcg	ttncgaattc	ggcacgaggg	aagggaggtt	taaggaagag	120
actgtggaca	gaggtgttag	ggaaggtgtc	agagaaggtt	aaggagccaa	catggatcat	180
gggggtggta	cagtgttgcc	agggctgggg	aggattggct	gcagtgtggg	gtacccagcc	240
gctgccatgt	ggagagggac	ctgtcactcc	tgctgtgaac	tctcccttct	tctgccctct	300
gacctcctgc	tggtgcctcc	cattggctaa	acacagttga	tggccagtgc	actggggagc	360
tgttcttgga	gcccacaggc	atctgcttct	tggcacagag	cagacaatgg	attgagtcen	420
ggaggggaagg	gaactagaga	atacccaagt	cccaacccca	ngcgtttgct	gaatgtgtct	480
aatcttcctt	ttctacaaac	ccatctgacc	tctnccctc	ctctccacgc	caagctaggt	540
cccaattctt	cctcaagctc	cactccttcc	accctgtaat	ctttntatc	accctnccct	600
cctnaacacc	ttgggtccgg	ctttacaagn	ttcenttccc	gngacttagc	cctttcccn	660
acctttgccc	aancaaat	tacttcttta	aaaaaaggtg	gcttggaanc	ctaaaagaca	720
ttantccaan	ggttaaaggc	ctccctttt	ccttttatcc	ccaaatcaaa	aaccctttta	780
aggctctttt	ttcattcaaa	attttaaaaa	ccccnct			817

<210> 4162

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (871)

<223> n = A,T,C or G

<400> 4162

ttttccnnaa	annngcntng	gctacnctgc	tttcaaaatn	ttcanatccc	ttggcaactc	60
gccnccnnac	gcacaagaan	tntgngttgg	cgttcttgag	gagctnagcc	ttcgctcctn	120
aggatcacag	gcttncatgt	tgaagctggc	agtgtctagag	gctannnccct	atctgngtga	180
cagcatttna	natntancag	gaccgacttt	gangtttncca	aatatntata	ggcannctgt	240
aaatcatnac	accgtntgcn	atanctctct	tcanctctg	tctnctctt	ntaactgnag	300
caaaagtctt	ttctcangca	acaacnttct	tnntatcctn	agnagnctat	actgtgttcc	360
tnnncatgtt	cggcgaaacgc	tattacgnct	gactncaenc	acncacntga	catngaccen	420
tatnncaaac	nngntangga	aaagctanat	gtctgnangn	tgctnnncgc	ttgangantg	480
ctaanagcnc	tnagancat	ccattanctt	tctnnangct	tgangtttta	nggctnatan	540
nnctntggaa	nttangtatt	ctgggnatga	ccctncatng	cttntnanac	tattnaatcc	600
agacctcgan	cnntannccct	ggaangtncc	ncanccnaan	nantatcctt	gggggaacngg	660
nggtactgna	ctntngatca	ancnnaan	ntgggnantga	nccanttggn	aaattgaatc	720
cntaatcntc	ccctgggcaa	cnnannngng	gcttgettna	aananntgga	accnnannat	780
gcccgtaaaa	ncttccttaa	ttancctngg	tanactgena	ctggcanntc	tnnatanggc	840
naattccana	agnnntgant	nttattcacc	c			871

<210> 4163

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (829)

<223> n = A,T,C or G

<400> 4163

tttctaaatg	gcttgggnnn	cnncttgac	caccgaaaac	gnttggcaac	ttncctcttc	60
tgcangancc	catcgattcg	aattcggcac	gagataat	tttttagttg	tttttgagac	120
tnctctgtca	cccaggctga	gtacagtggc	atgatcatgg	ctcacagcag	cctctcaacc	180
tccctgggct	caggtgatcc	tcccacctca	gcctcctgag	tagctggtac	cacaggtgtg	240

tacctgggta	atTTTTTggt	gtttcttata	gaggcaggat	ctccttatgt	taccacacacc	300
ggtctcaaac	ttctggactt	taggaatcct	cctgccccgg	cctctcaaag	ggctggacag	360
gtgtgagcca	ccaggcctgg	ccccaaagctt	gtacagcagc	atctgcccc	ttatacctct	420
ggcactcagg	cagtgatgcc	tcttggccct	ctggcaaagg	gagcacactt	ccgttagttt	480
tgtatttgta	tggactttta	tacctatgac	gtttctgggt	ctgntaatct	tgTTTTTccg	540
actgattgaa	actttcatct	ctggtatcaa	ttggggnggt	ttcttagaaa	aaagcttggtg	600
gtgaaagggg	ggcaaaaaaa	aagaaaccaa	ngttctgaaa	gttcacctct	ttgaattgca	660
accacacctt	ggtanaaaga	atgggaatca	atnggaatgc	cttggccnaa	TTTTTgnanc	720
cnntTTTTTT	ggcaaagnaa	aangggatcc	aaaaagtggg	aaccgggaaa	aaanccttgg	780
ggnaaacctt	ttgggtnggg	aaanggggtt	gggtngnacc	caattccna		829

<210> 4164

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4164

tcnccctttc	caaaaagcnt	tgggnnnnecgn	ncnttctaac	tttccnaata	cntgggcaac	60
tcgctctttc	tncangcagc	nnntcggttg	cgaattcggc	acgagacttt	caacatttca	120
tgatagaat	aagtaatggt	gggttagaag	aaggaaaacc	tggtgatcta	gttcttagct	180
gtgtggacaa	ttttgaagct	cgaatgacaa	taaatacagc	ttgtaatgaa	cttggacaaa	240
catggatgga	atctggggtc	agtgaaaatg	cagtttcagg	gcatatacag	cttataattc	300
ctggagaatc	tgcttgTTTT	gcgtgtgctc	caccacttgt	agttgctgca	aatattgatg	360
aaaagactct	gaaacgagaa	ggtgtttgtg	cagccagtct	tcctaccact	atgggtgtgg	420
ttgctgggat	cttagtacaa	aacgtgttaa	agtttctgtt	aaattttggg	actgntagtt	480
tttaccttgg	atacaatgca	atgcaggatt	tttttcctac	tatgtccatg	aagccaaatc	540
ctcaatgtga	tgacagaaat	tgcaggaagc	agcaggagga	atataagaaa	aaggtagcag	600
cactgcctaa	acaaagaagg	tatacaagga	agaggaagag	ataatccatg	aagataatga	660
aatgggggat	tgaanctggg	atctgagggt	caagaagaag	gactggaaaa	aatttttcaa	720
ggcccagttc	cagactttac	cttgaaggga	attaccaagg	ggcattacac	aaattttccaa	780
aaaaagcang	aagaatt					797

<210> 4165

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 4165

tnnctttcta	atgttttnna	atgctgggtac	cctttcaaan	cncttngcgc	cagaatgggt	60
ccatggctgc	tgtgaatgga	cacaccaaca	gcttttcacc	cctggaaaac	aatgtgaagc	120
caaggaagct	gcggaaggat	tgaagtcaaa	gaattgaaac	cctccaaacc	acgtcatctg	180
attgtaagca	caatatgagt	tgtgccccaa	tgctcgTTaa	cagctgctgt	aactagtctg	240
gcctacaata	gtgtgattca	tgtaggactt	ctttcatcaa	ttcaaaaccc	ctagaaaacg	300
tatacagatt	atataagtag	ggataagatt	ctaacatttc	tgggctctct	gacccctgcg	360
ctagactgtg	gaaagggagt	attattatag	tatacaacac	tgctgttgcc	ttattagtta	420
taacatgata	ggtgctgaat	tgtgattcac	aatttaaaaa	cactgtaatc	caaacttttt	480

ttttaactgt	agatcatgca	tgtgattgta	aatgtaaatt	tgtacaatgt	tgttatggta	540
gagaaacaca	catgccttaa	aattttaaaa	gcagggccca	aagcttatta	agtttaaatt	600
aagggtatgt	ttcaagtttg	tattaatttg	taataactct	gnttaagaaa	aaatcaaagg	660
accatgattt	atgaaactaa	atgtgacata	attttccagt	gacttgntga	tgtgaaatca	720
gaccacggac	cttcagtttg	nacctattgg	ctttggaatc	aaccg		765

<210> 4166

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4166

ntctttctaa	ttacttatnt	gtcatggaac	tcccactntc	tcnacnnanc	naggenntgn	60
cgaattcggc	acgaggcaag	agatttcaca	gacctgatng	tttttnatga	agatcgtaaa	120
accccaaatg	gacttatttt	gagtcacttg	ccaaatggcc	caactgctca	ttttaaaatg	180
agcagtgttc	gtcttcgtaa	agaaattaag	agaagaggca	aggaccccac	agaacacata	240
cctgaaataa	ttctgaataa	ttttacaaca	cggntgggtc	attcaattgg	acgtatgtnt	300
gcactctctt	ttcctcataa	tcctcaattt	atcggaaggc	aggttgccac	attccacaat	360
caacgggatt	acatattctt	cagatttcac	agatacatat	tcaggagtga	aaagaaagtg	420
ggaattcagg	aacttggacc	acgtttttacc	ttaaaattaa	ggtctcttca	naaaggaacc	480
tttgattcta	aatatggaga	gtatgaatgg	gtcccttaag	ccccgggaa	atggatacaa	540
gtagaagaaa	aattccattt	attaaagtct	gacagaatga	tattgnattt	gctgaacaag	600
cctatctttg	aactntggga	aaaattatatt	tttgacagna	atactctttt	caaaaatggg	660
catttgcttg	atttccanaa	accttttcncg	ttctgggacc	gaattaccca	aatgcccattg	720
gaatttccca	ctgggggggtt	taatgttnaa	aantcccaan	taaaaagttt	ttttcg	776

<210> 4167

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4167

tnncttcaaa	ctttcgctct	tggttttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gagttttgga	tgagacttgg	tatgggccat	tctgggacaa	aattcctctc	tctctctctc	120
tgcggaacctg	tgaaatctag	aaaataagtt	atttgcttct	aaaatacagt	gatgggacag	180
acataggata	gacattccca	tttcaaaagt	gagaaattgg	gccaggtgca	gtggctcaca	240
cctgtaaccc	cagcacctgt	aatcctagct	ccccaggcgg	ctgaggcagg	aggattgctt	300
gagcctggga	gatcaagggt	gtagtgagcc	atgattgcgc	cacctttatt	ggaaactttt	360
attccagtta	ccaataacac	attcctcatt	tcctccagag	acctcaccag	aaacaccttt	420
aatattcata	tttctagcag	ccttctgttc	ataacaatat	atgcatcctg	ttaagatgat	480
aggagatttc	tctgcacctc	tcctcttttg	gagcctgcag	ggacattccc	tttaatgtcc	540
atatttctac	cagcagtctc	ttcaaggcag	tctagggttt	tcctaacata	cacctcaaaa	600
ttcttgacgc	tttgccaag	cacagtgcct	nacatctgna	atcctaacac	ttttgagagg	660
ccacatggac	aagatgcttg	agctcaggag	ttcaagacca	gcccgggcaa	catatgaaac	720
cctgccttta	aaaaaatcaa	t				741

<210> 4168
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4168
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 cgttctttct ncaggcagcc catcgatncg cctttattca ttttactgt tatccagaat 120
 tccattatat gaatatgcca taatttttaa gtccacgtta ctattgttaa gtgtttctaa 180
 actggaaatt actccagaca atactatgag cacacctgtc tgtggctttt gatgagcatc 240
 tgaatgcagg ccaaacttgg cctgccaaac agtttctgcc gttgtttgta ccagttcaca 300
 ctccctgcc aacagtttct gcaatgtttg taccgggtca cactcccacg gcagcacatg 360
 aaagctttat ttgctccata tcctctcaaa tttagaaata attacaaact tatgtaaaag 420
 ttaaaagtac tatacaaata attttatgcc tgaaagttgc caagttcatg ccatattact 480
 tctaaatatg ttagtgtgtg ttttctacaa acaaggagat tctcctgtgt accagacagc 540
 agtcatcaaa gtcagagaaa ntaacatcag tacattgctg ncatctaag cttactccta 600
 ctcaaagttt cactantttg cttccaaaag tgccttttta tggcaggang gatcanaant 660
 aatgtatagg ccaagcaca ngccctggaa tctggaaatc ccagcacttt tngggaaaac 720
 caaataggaa ggttgcttg gaactcctga cttaaggcga nncanccaac ttaaaccctc 780
 ccaaagngg 789

<210> 4169
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 4169
 gcttggctct tggtcttttt gcaggatccc atcgattcga attcggcacg aggttttggt 60
 actaaaggcc gagactgttg tggcgacggc gacctctacg gcaacggctt aagctctcgg 120
 aggagtggca gactacgac tgaaggagg gcttctggtt agcccaggtt ccatcataat 180
 gaatggatcc aatatggcaa atacatcacc gagtgtaaaa tccaaagagg accaggggtt 240
 aagtgggcac gatgaaaagg aaaaccatt tgcagagtac atgtggatgg agaataaga 300
 ggatttcaac agacaggtgg aggaggaact gcaggagcaa gacttcttgg accgctgctt 360
 ccaagagatg ctggatgaag aagaccaaga ctgggtttatt cctcacgag acctgcctca 420
 ggccatggga cagttgcaac agcagttaaa tggactgtca gtcagtgaag gtcattgattc 480
 tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc aaggagttaa ttcaggaga 540
 gaagtactga gccgagaaag ctttgaggaa gacttgtctg tccccacatc tggggatagt 600
 aatgcacaaa atggtggagc ttaagaagg gatggggccg gccaaagggg gcacancggg 660
 aaagggantg gtggcttaca atactgggac tctgagtact aatatgctca gtcttattct 720
 aaaaaaaa 728

<210> 4170
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 4170

tctaaacgct	tggnncttgc	tctttctnca	ngnanccnnt	gcgntncgaa	ttcggcacga	60
tctagatatt	gccaatcgc	tgcccacagt	gcacatacct	ttccaccagt	cacatgtgag	120
agggcagatt	ttccaaatgc	tcatcaccac	ttggcactgt	gtggactata	attttggcca	180
gttaggaaat	ggcatctcat	tgttttcatc	ttaatttgcg	tcagcctgat	tactcattga	240
aacttgtag	gttgagaaac	ttttcttaag	cttattggcc	attcaagttt	cctcctttat	300
gaaatgggtg	ttcatgtcat	ttgctcattt	ttatattaga	ttgtttttct	tttttccagc	360
tgacttgtag	gaactctaca	tcttatcaat	attaatcatt	tatcgaaaac	tatttgggtg	420
ccattatctt	ctcctagtca	atgttttttg	tttgtgatat	cttttataat	atataagttt	480
ttaatgttgg	cagaagtaaa	gttaatcttt	ttggctgtgt	tgtgtgtctt	gtttgatgta	540
aagatagttt	ctgtaatagt	tttgcagttt	gattgntcat	cttttaggtct	tcaattcaac	600
ctgcacatcc	atccctctca	tcctctttct	tactctgttt	ttctccatac	cacttatcat	660
ccaataatat	ggtcatgccc	tttattnacc	ngntttgcat	atataatttg	gcttgtnccc	720
ggttccctcc	ctana					735

<210> 4171
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4171

tanacnnatt	ggtntgatgc	ntggtgctgc	ctgcgctgcc	ttaagaagct	gagactcaca	60
caagtgttaa	gagggatatct	ctggagacan	ngtagagata	gaccctgtta	cgaatcagag	120
ggccagcact	aagttttgga	ttaagcagaa	acccatctna	atcgattccg	acctgctctg	180
tgctgtgac	cttgctgaag	agaaaagccc	cagtcacgca	atatttaaac	tcacgtatct	240
aagccaatca	cgactatnaa	cacctctact	ttgaatcgga	cgctgctacc	cgatcaatgaa	300
attgtgctca	aggtttaacta	catcctggaa	tcgcgagcta	gcactgcccg	ggctgactac	360
tttgtcmeta	aacaaagaaa	actgaacaga	cgtcgagctt	cagcttccan	aaggagaaaag	420
aaaatccggg	cagcagttga	cactggcctt	cagcctnaat	ctgttcccgt	agcttnagaa	480
ccttgccctgc	cagggccaag	tgccctagag	cccaccccgg	tgtcctgaan	tcctngggggg	540
ggaggccagc	cccttgggct	tactgggcac	anggcaagtg	gggctctcng	gggaaaggtg	600
tctgggngcc	cccttangaa	gggaancgct	ggggacattt	gccattggga	ccggaaaagtc	660
ttggtttggc	anttggtttt	ngataancca	tgctttgngg	gtcnagacca	ccncctaaa	720
ggagccacgt	ggcngccaa	gccaccttaa	ttgcctggca	cctggcccng	gng	773

<210> 4172
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 4172

tnnnngtttc	ctantnnntg	ggctactcgt	tctttccgca	ngatcccntc	gntncgaatt	60
cggcaccgaga	ggcagtgcact	gccttcggct	ttttttctgc	tgactaagat	ctcctataga	120
gagctacaac	aatgccccaa	agaaaggctg	caggtcaagg	tgatatgagg	caggagccca	180
aagaagaat	ctgccagggt	gtctgctatg	cttggtgcca	gttacacca	gaagtgaag	240
ccctaaaaag	aacatcaagt	tcaagggaaa	atgaaagaca	aaaaagtgat	atgatggaag	300
aaaacataga	tacaagtgcc	caagcagttg	ctgaaaccaa	gcaagggaagc	agttgttgaa	360
agaagactac	aatgaaaatg	ctaaaaatgg	agaagccaaa	attcagaggc	accagcttct	420
gaaaaagaaa	ttgtggaagt	aaaagaagaa	aaatattgaa	gatgccacag	aaaagggagg	480
agaaaagaaa	gaaccagtgg	cagccagaag	taaaaaatga	agaagaagat	cagaaagaag	540
atgaagaaga	tcaaaacgaa	gagaaagggg	aactggaaaa	gaagacnaag	atgaaaaang	600
ggaagaagat	ggaaaagang	attaaaatgg	aaatgagaaa	ggagaagatg	caaagagaa	660
agaagattgg	aaaaaagggtg	aagacggaaa	ggaaatggag	aagatggaaa	agagaaagg	720
gaaagatgaa	aaagaggaan	aagacngaaa	ngaaacngga	gatggaaaga	gaatgaagat	780
ggaaagagaa	ggagttt					797

<210> 4173

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 4173

tntctctacn	nanntcgnga	acccttgntc	ccacgaccct	cgtncgaatt	cgggcaccgag	60
gtgtgttctg	tgggaggggtg	tctgtggtga	tgtgactatc	agggtgggcc	tgtgctgggg	120
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatgggg	gtttgaggcg	180
tatgggtggc	tggttggtgtg	gggaggcatc	ttgtgtatgg	ctgttgggaa	cagcaaccaa	240
aaggtgcttt	ttggttttat	ttgagatcaa	gattgtgttt	ccgcttaatt	actagtttgt	300
ggtctatata	atagaagtta	tttcccaccc	cattttatct	tgacaacccg	tgtttgcatt	360
tctgtaaaac	ttctacaact	tctggtgtca	agaactgtcc	agaagatggt	actgttaact	420
ggtatttcct	ttgatgtttt	gatttttga	gtttactctc	atgcaaatgt	ttcangcgta	480
catacatagg	cagaaagcaa	atttttaggt	gatttgtctg	tntcttggt	gaaatttaaa	540
gcaagcttta	atggtctgac	ttgntcattt	gaaatncaaa	aaaagtaagt	gaaatttaat	600
ggtttngcat	taacctaaag	gaaatcttga	agattnatgg	ttgaaggaaa	ttggtatggg	660
ccatgccctt	tggtggaaac	cccngaaant	cnttttttaa	gtttaaaaat	tgaaaaaaag	720
ggttttttaa	tttgctttgn	ggcgtgttn	taaaattggg	acccccatt	tttanaaatn	780
attttttttc	ccgtcttccc	ttttaccaa	cna			813

<210> 4174

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4174

gtnnnnnttt	tetaatagct	tgggatactc	gttctttccg	caggatccca	tcgattcgaa	60
ttcggcacga	ggttctcagg	ccttccagg	agtcccttcc	ctggacttaa	gagtgc aaac	120
tcttctctgt	ggttctagcc	ttgggcagaa	ttatatccca	gagaccacag	agcaactgtc	180
aagctgctta	ccccctcacc	cagggtctaca	gcctgtgccc	agccctctaa	tttgtgcttc	240

tcttgtgttg	ggggtggtgg	gggttattcc	tttccctttc	ctgctctggc	ctccttgaaa	300
gttcagagta	cccagtacaa	gtcagcttta	aagtacagct	tttagtggtt	cctgggttgt	360
ttctctgggg	cttttagtgag	ggacctttgc	cctctgggtt	ttcttgccct	ctgggtttang	420
gagcatctca	cacttggttag	tatctggttg	ttgggccagc	ccgtgcctnc	tctagatctg	480
gagccaggcc	aggcaggggc	cacgtgtggg	ccagtcagcc	actacaagat	tttgctaagc	540
tttgggctgt	tggcagcatc	ttggacctca	tgccctgggc	tgaatgangc	tctttcttaa	600
gtgggttttac	aaagtttggg	ttttatttat	ggagtgactt	accccttcca	ttcagagcag	660
cccaccagc	cagcccttna	accttntggg	ctcctgntgc	ttaaaggcaa	accgcctggt	720
tgggctccac	cctgtgcatt	gggaacccaa	ccacccatgc	tnaccggnat	ttttcctcat	780
aaaagt						786

<210> 4175

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4175

tctaattgttn	gaaanccttg	ttctngacca	tcccgggctn	atgcttgggc	acgagagatg	60
ttcttatccc	caagagctgt	ataattccag	acagaggagg	caggcagaca	cctctataga	120
ggacttagaa	acgactgttg	tgagacacat	tcagtgtctc	ggatggcaag	tgtagtatac	180
cgtagaaaag	aacattcctt	tgggggtgtg	cctaggaagt	tttccagatt	tttactagc	240
gtacatctaa	ggaaaaccgt	aaacacagag	ctgcccttta	ttcctccac	aggaagaaat	300
gtacatcttc	atggagtact	gcgatgaggg	gactttagaa	gaggtgtcaa	ggctgggact	360
tcaggaacat	gtgattagc	tgtattcaaa	gcagatcacc	attgcatca	acgtcctcca	420
tgagcatggc	atagtcacc	gtgacattaa	aggtgccaat	atcttcctta	cctcatctgg	480
attaatcaaa	ctgggagatt	ttggatgttc	agtaaagctc	aaaaaacaat	gccagacca	540
tgccctggtga	agttgaacag	caccctgggg	acagcaacat	acatggcacc	tgaagtcac	600
actcgtgcc	aaagaaagg	ccatgggcgt	tncggccnac	atctggagtc	tgggggtgtg	660
tggcntagan	atggggactg	gccaaaagcn	cttggcatga	ntattgannc	cacctttcaa	720
attatgtata	aanncnnggg	atggnaccta	aancccccca	atcccnngnan	anaattaaac	780
ccctt						785

<210> 4176

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 4176

cnnnncgnnn	nnncnacnan	nnnnccggnn	aacnttcnag	gcctttnnaa	ntcccnnttc	60
naangcttgg	cnatcgnctt	tcnnncangna	cncngcgtnn	cggttggaga	aaccaagctg	120
acaaaaacat	ggtccccacc	ttttggagct	tacagtctgt	tctggggaac	agagattcag	180
ccagnagtca	agaaacactg	gatgccagct	agattatctg	ntctgtgctt	tgggtgtctat	240
aagtacatat	gtggatatgg	gttcatttta	tccctaaact	tagtaccaaa	ccagcattta	300
atatctaatt	ataaatctaa	tntggcctaa	actttattat	tgcacactgc	ctgaacaaaa	360
cctatttgtc	tctatgtaaa	ttntttcttc	atggaacaag	ggtgtgaaat	gaaaaatattt	420
taggatttat	tcaaaaacag	actattctgt	tttcagcttc	agaattgttc	tttgaatcct	480

aaggaacctc	tgtcaacagt	ngaggcngct	gttgaaaaga	aagaaganng	aggcngaaat	540
ctctcangga	gaattatttc	ccnttctntt	ctatttcaga	tacctggagg	ggtggggaga	600
ngtaagaatt	gtaggggagg	atcannnctn	ggggaaanct	gtgaccagct	naatgaanga	660
atgatgattg	aaanaaccct	cttgcatctc	tnagntaccc	ttcngcntcc	cttnnaccca	720
ntggtataaa	atntnnggcn	tngggcaacc	actgaccatt	tgncangcc	ttaattggnc	780
cccaaatatc	cnacactggg	ccnagancct	taaangtctc	cagcacccga	cncnntnana	840
anncgnncc						848

<210> 4177

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 4177

ttctaaanan	ntttgggnnn	gtgnncttct	aatttttcnn	atacntggcn	actcgnactn	60
tctnnangna	gcnnttngnt	tngcgaattc	ggcacgtagc	tgagcacctc	gtctctataa	120
aaacaaaaca	acaaaacata	aacaacaaca	acaaaaaact	atgtgatagg	catttgttta	180
ggcactagaa	aatagtgtct	aaacaacaac	aacaacaaca	aaacatgatt	cttgtctcaa	240
agaatgcaca	atggtgggga	aagacaacta	aaaagtnata	aaacataaaag	tttgaaggat	300
attatgatag	angaatnata	ggatacgttc	aatcatttga	aattcntgaa	tgtcatcctt	360
ttgggtggag	caccgagagg	gtttgtgaaa	aacttcccac	ataaagnaat	ntaancnatg	420
cattnnntaa	aaatactnat	gtnttttnaa	aaatgaatat	ggcaaataaa	ctgtntctgcc	480
tancatntga	tnaaggnttc	acttttccat	nccnanggna	ttagcttatn	nnacttcana	540
catttcaaan	gtggaaaaga	ctcancanct	tcaaagcaac	cattcttgta	aagttaaatt	600
tcntgtgan	tcgttcanaa	tttnaatnct	tgggaaaaat	gaacctgcaa	taagaanaaa	660
aattggtttc	actttttcaa	tnggggttaa	aggtttctgg	acttcaccca	aagtggcttt	720
ttncaaatgg	gggggncccn	taaaanctaa	tatttaatat	nggaacttat	ntttgcgggt	780
tagcnctnng	gggnatnctt	ttgncaaaaag	gttttaaaaag	ccaattnggn	aangnt	836

<210> 4178

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4178

ctnncttttn	ncctnaagtg	aaatcgttcg	gtttancctt	tngcaggatc	ccatcgattc	60
gaattcgcca	cgagcttagt	tccacaaata	attattgatt	tgtttaagcg	tgatgtatgt	120
gcttgctcaa	ggaattagaa	gatgagtatg	acaaagctca	ttccctcagg	gagttgagtg	180
tttcagaggg	atgaagtaaa	agaagatttt	aaaactacaa	gtagagtgtg	agaagtatca	240
cgagaaacat	caacaaagg	ctgaggatag	aagggtgata	gtctcaagta	tctcaagata	300
ttcagcagtg	aatcttaaca	taaatttgct	tttaggggaa	gaatttcaag	catattgata	360
ggtcttaaat	tttctagtct	ctctgggata	gtaggaagga	gaatgatttt	taaaaagttg	420
attatgtagc	atggagtttg	gggactagta	aaaattttat	tgaaattatt	tgggaattgt	480
tttacagttg	tttttagtgg	aggttgatct	tctgaaaata	ttgcatttta	gtgtgatgat	540
ttactaaaga	agtagcagg	acttattcta	aggtaggaga	tagaaaaact	aataagtaaa	600
aactctgctag	caacttttaa	tggctgtcaa	acttttttta	atgattaagt	gctaattgggg	660

ggcagatgga aattgtaaaag ccagtgccan aacaattgag gtatagaagt ttttttctgt 720
 caattgctct acttttggaaa gagaagaaaa ttnganggca aaatttaagt cattt 775

<210> 4179

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4179

tnnngttnc ntattanntg ggtaatngct tggntctngn nctttctnca agatnccatc	60
gattcgagc gatagcccaa aggcctctgca gtattccctc caatggccaa ggattccgtg	120
tgtcatctgc aggagtgagt aggcctgctg tatttcttgt aactgctggg tgttacaaaa	180
taagttacaa tgttttacac tttaaaaaaa aaaaacagaa ggaacatttg ctttattggt	240
tacttactag tttagcctct aggttatggc acagcatgct aaaaaatcat gtgtttaaaa	300
gtaaatgttg gtaaaatgct ggcacatggt cctattgtgt tgatgcattt tcacttctgt	360
ggtcatagga aatggactgg tctaaagaga gtgaggcaca acacaagcag ggcattagtt	420
tgaataggaa gtcaatcata tttggtttta tggcctgggt tattttgggt ttaagataaa	480
atagggaaaa atgtcagaaa tgatccctat gcatttattt catggatccc ttaatttcat	540
gggcatgcct aataatgatc tatgttctaa ctggagctta nggcttattt tagatatgg	600
gagtgtagct tttatttacn agatggattt tatctttcaa catttgcatt ttgatcaact	660
tttgtaatat tcaccgtgta tttaaaaata ttggtgcact taaaatgttt tnccctnng	720
nttncctttt atattgggtc caaaggcant ttantcaagc anctntttgg naatggaaac	780
tcaatgttaa anttggcntt gggttcaann ggaaat	816

<210> 4180

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4180

tnnnccttct aatgcttggc tactngtctt tccgcaggat ccctcgattc gaatccgnca	60
cgagggnggc tgccgtntnt ggctttngct nnaagggcna ngttcgggaa ccgttccaca	120
ncatcctgat gtcctgaagg gactcactgn gccattgcc agcagtcgnc attccctaag	180
gtgctgtgat ccanaangcg ggntgngaga nattggggcc ctaccctact nactntnnc	240
cacaccatgt ntaaaatact canntntnn angggcnnaa nacngctatc tggacccna	300
tcaggnetgg gnaacactgt tnaaaagtc cctttcatgt tggcccatg aanagaccac	360
ngaccacgng gtacntggag ctgatntcg anagttctca agngggaact gaggggactt	420
ccactnctnt gggactnngg tcnactnncg tgnanancgg gacnactaca tnntggnetc	480
tttctganca ccacctntt ttcacgatgg nacntgtaga agggaaatgc tgganngatc	540
catcctntnt gntctcttct tngccctaa atgnetgcan ncanntccgn ncngntnctn	600
acctgnnngg tccttttggc ccngcnttg ncatgantac cngnntacct gcacctanc	660
ctgacacnnt ttgnetctat cgctgcagt anggaaangt ggggtgggtat tttccccaa	720
taaagacttt agaccctnt tttnt	746

<210> 4181

<211> 865

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(865)
 <223> n = A,T,C or G

<400> 4181

cgtnnccctt	ttcaaagtgc	cttggctact	cgccctttacg	caggatccca	tngatncgaa	60
ttcggcacga	gccaacctgc	tgtccctcaa	gccccgcttt	taccagcctg	tggagttcag	120
gaggcgagac	atnctggcct	cctttgagaa	ctgatgggat	ctacccccctg	tccacgcngg	180
acagtntctc	agaactgggt	catagaccac	ctgtgtttacc	aacagccaga	tacctaatac	240
ctgagccctnc	tttgggaang	tctggggcgcg	aggggtctggg	aatntgcttt	nttttttttg	300
gacagagtct	cattctgtca	ctgcactcca	gcctgggtaa	cagatcgaga	ctccccatctc	360
aaganaaaaa	anaagganca	gggcatgggtg	ntagtgtgac	tggggtncca	gctacttcan	420
aagctgaggt	gggaggatcc	cttgagccct	gtaagcggag	gctacagtga	cctntgatgc	480
cantgaactt	ncgnctatgc	aacagaacct	gtcttaaaaa	aaaaagtaat	taanaatttt	540
aaaattcaaa	agtgggacta	ttnatnggtt	aacagaactg	nntttaanaa	tgccntaaaa	600
atgggtggcnc	cattttttttt	aanaacctnt	gctggntntt	attggtnaaa	aattgnantg	660
gntcttncen	tggecnnggt	cnntnaaaaa	ttntttngna	ngggcnagnt	tttatngtna	720
attgnctcgn	aaatntgnnn	aanatttcat	tcccananna	angntnnnnt	tcccttaaaa	780
nnngnactn	aattgccntt	actgttncce	ntnaanttta	aacnacnnat	ttntntntaa	840
accttttnaa	angnaaccen	nnccc				865

<210> 4182
 <211> 989
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(989)
 <223> n = A,T,C or G

<400> 4182

tncccttggt	gaaanccctt	tgctcctttn	tncctnccgtt	tgncatncna	ttcgctcagc	60
tgaggcaatt	aaactggaaa	agaaatagat	tgaaaagata	ctntngaaga	agcagtacag	120
aagttggggg	actgaaggag	agggagccac	tgcaggtgct	agctgcttaa	ggggatacca	180
gtcctttttac	agatataata	gatacagctt	ctgaggtgga	gggtgatagg	agtgtgtatg	240
agaaanttgc	agnttnacaa	ctgctcntgc	ctcctnggca	anaggannan	cntttcncen	300
nttncnnccc	ttatngnaca	cacattgncc	tgattggncn	tnccncngct	agcttncagt	360
cttnantnta	ctcannagnn	nnnggggaa	cncnctntcn	nantatgntc	ccttttcctc	420
tnnctntncc	nnatancacc	ccnctcnctt	tcctttctaa	acttncacan	ntccctgana	480
atgncttccg	aatggantct	tngaatttct	ncgeccctnc	ntcntcataa	tcnttttget	540
netcengctc	nccttcattt	tncctacgtnc	cnccttctnn	ttnactgnct	ttaaatntta	600
ttancnnent	ntnctntn	atctncaant	tttncnnccn	acnnnnnttt	netntntnca	660
aatecggnna	aataagtntt	gcncactcnn	ntnctanent	attntccctc	gcnttntcn	720
tcctctcccg	cnnactcac	ntnnnnnnnt	caattntntn	nnacnncnc	tgctctacnn	780
ncnatntctn	tnctnccaca	ccctntan	tnctnctcan	aatgcctttt	ctnccctann	840
netntcnttc	ncnnatctan	ccaantttnc	tttnacatcc	cctnccnnntc	tnccccgacn	900
atatntnacc	tcttnnactn	cagngcctan	nacnccccn	ttntnctnt	cnetctcann	960
cttntnttna	tcttcatnna	tcannccnc				989

<210> 4183
 <211> 820

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4183

tnncctttct	aatggcttgg	ctacnggctt	ctnaagnatc	cctngtttcg	cagctatagc	60
actaggcagc	cttgcaccc	gggtgttgaa	agtgcaggcc	attatcctcc	cctctgacct	120
ccaagatgtt	aggtggcctt	tctgtgcctc	agttttatca	tctgtaaatt	gggtatgatt	180
gtactagtgc	ctagtacata	aggagtgtct	caaagattac	atgagtgtct	ttaaagtcct	240
tacaacagta	tctcacacat	agtaagcatg	gcatgtggta	gttactatca	tttagtcctt	300
cttggagcaa	tggatattaa	aatttttaaag	acagttgtct	gntnaggatt	ggncatgcag	360
cctgaagttt	naaaacaaat	tgcacctgnc	tgtgtncatg	ggganacttt	ttaangccct	420
ggacctnatt	agctnaatgg	gctgtggaan	tgnatggggc	cttttgnagg	gcncnnttt	480
tnnaaacccc	naaattttan	aaagnttaac	cccagannct	tnattctnca	ttttaactgg	540
cctnttggna	gatatatngg	cagaagtttt	tanaagggtn	naaaagtttt	ttttgcncn	600
anaaaaangg	ggcttaaaact	tttttaattc	nnggggtngg	cgcennaatt	tttcaataaa	660
aanntttcan	gaattattaa	nnggggtngg	atnaanngan	ttntntnttn	anaaaggatt	720
tttaanaaat	ttggggggaa	gaaccnnaat	tattaacngc	taanttatatt	natggcttcc	780
gacttttnaa	ngtttttnga	aanannccna	nntttattnn			820

<210> 4184
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 4184

tnccctttnc	taatgcttgg	nataccttgg	tttccaatgn	ttncagggt	tnctgtcact	60
ccagcctaca	tgacagagtg	agacctgtc	tcaaaataat	aatantaatg	nactgagact	120
cagaaaagat	gttngntcaa	ggttacaaan	ctcanacngg	acagggcagc	attggnaacc	180
aaaatnggtc	tgactcctan	gctcatgctg	naaatnacng	tgcaaggctt	ntactatcta	240
tnnttttctt	aanngaattg	ctaaatgnac	ngatgggtta	catattacgc	agaatatgtt	300
aaacgtcaaa	tgaactgtnt	naacnataaa	tgctggagag	ttgaagtggc	caagaactca	360
tgcccnaggt	gatctgggaa	ngcctcttga	acaagggtga	attatagctg	gtttttgaag	420
aatccgaaag	gtgcttagat	tgaaagggtg	gacatgtaca	ggaatggttt	ctaagatgtc	480
atattttatc	tctgtcctca	tcttgactgg	cactaatgaa	catcaaagat	ttnaacctaa	540
atncattgag	tgcccagnat	gtgaagggcc	ttattttatg	aggttttaaa	gctttttaac	600
atacttttaa	agaannngac	tggttaattc	ncactgnctt	agatcccttt	angaccccg	660
gagcccggt	tgccccccag	ggngcccttt	tgggaaatgg	gcgttggtcn	gggaccaagt	720
cttnacntt	ttggggacct	acccanaga	aaaaggaaat	gggtcccttt	gggggaattt	780
ttgccaggac	cttacaattc	ttgggaanaa				810

<210> 4185
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4185
 gnnnnctttt gaaanccctt ttaanccctt gctcttgntc tttttgcagg atcccatcga 60
 ttcgaattcg gcacgaggca gaggcagggc tagaatgttg gacttcagat ctcttacttc 120
 tgtgtgctag tgcaccattc ttagtccagc acagacaatt ctcaaacaga ttagcaaacc 180
 accctcttga aattgcaaga attgttacca tgtgatcaag gcatcataat taatgcaaac 240
 cctagtcttct agttgggaaa gagattaaga tgggagacttt gtagtaaaag atggacatat 300
 attttattca catagcttat ttattttgaa tgaaagacca agcaaactct anccttggcc 360
 tgtcctgang aaggtgatct ntgaaataaa tgcnctgnan aatttgngna canngngnct 420
 nncctntgat ntatctgntn ttatccaang gttcnaatnn tgnccctntt natnccntat 480
 tccttnaat tttnttgna acnnncccn natttctna tngnccctt tcttncntna 540
 cnccttntac cntttatttn ttnnaannccc ntttctnnnn ncaatnctng ntctnaant 600
 cntnnncttn tnnntnnctt ttanncccct tnnccnttnc cccctnnnnn ttaanacntc 660
 ctncctattt anntcntncc tnttttcttc tccnntttct ttaactnntn nnncttccac 720
 ttctttacct tatatacntt aanntctctn tngtattnta aactcntntt atcttncctt 780
 ntctnctaaa tncatcctca natnnttagn nnetcaacct 820

<210> 4186
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 4186
 nnnnnntttnc ncccnttttg aaacccttgc ttctnctttc naattggctt ggatcgattc 60
 ggggaattct ctgccttttg gggaaacagt acagaggacc tnntaaaccc ttgtttngtg 120
 ccaggccccg agaccacaga gataacctgg gaccaggct ctgcccattg ggagctccca 180
 gccctgtgag gaagacaggg catcctcacc cagcacatcc tactgtaccc gaagagaggg 240
 cgcagtgact catttttttg cgttggcatt aggttttaaaa gatggttgaa cgtccacaga 300
 aggaaaagga attcctggca nagggccctg cctgagcata ggcagggagg ctgagcagcc 360
 acgtgtgctt gagegctggt ttgncgaggc agcaagcggc ggctgtatgg tgttgctgca 420
 gctgtatggt gaaaggggtg tgaaagctga nccaggaatc aaggctgctg gccacagacg 480
 cattgatgat ggatgacgtg ctggtggggc tgacacctga aaaaaaangg tgtcaagttc 540
 caaaacaang gcttggcata caagtanggn ccacaaggga gaagcatgag ggaaatggct 600
 tngcccgcct ggggntccct ggganaantn ancaattntt cngnatgnnn aaggnnncnaa 660
 tnnnnanaac nnnnnnccnn nncnntnnnn annnnnnnnn cnaaannncn nnnnannncn 720
 annntnnnt naanattnnn nntntnnnnn nnnnnntnan aannncnnna annnnncnct 780
 anctnnnnnn nannnccnt tnnctnnnnn anaanngnnn nttnnnnnnn nnnnaannnac 840
 ccccnnc 847

<210> 4187
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

```

<400> 4187
cgcttggttt gagcnnctna anccttccca tgcgatncga attcggcacg agggacagtg      60
ggcctggccc gtggagctgc cacgcaggtg cctgagggcn nngtgccacg caggtgtctg      120
aggaccaggt gccacgcagg tgggtgggggt acagacaaga tgctgggatg tccccgtccc      180
catggtcaag ggtgtcctgc ctgcctgggt ccagggcctg agggagccac atggatcccc      240
agacttggtg tctcttgctg aaaacactga ggtgctccca tctgtgctg gcccattgagc      300
tgggatggtc ctncagcttg cccacaaggt ccgnccctct gtctcttgca ccaacctgtt      360
tgcataaaca cactttgcta caatcttgct agtgcgtttt cttaaaagat aatctattta      420
ctgtaaaaaa taaattggac tttgcaaaag cttttagaag gaaaagaaag aggattaaag      480
agaattgctg gtgaaaaaaaa aaaattccat aaaaaaaaaa aactgggaan ctttttagaa      540
cttntagttg aggtccgtan ttaccttaag ntccaagac cntggaatta nggaattcca      600
atttggtattg aagtttttgg gaccaaaaac cnacaancnt tnggaaattg ccaatttgaa      660
aaanaaaaaa tggcctttta aattttggng gnaaaaattt tttgntggaa atgcctttat      720
ttgggccttt taaaatttgg ggtaaaccac aattttttta aaagccttgg caaattaaaa      780
nnccaaggtt ttaaacccaa ccaaaccaan ttgggcattt tccatttttt naatgggttt      840
tccanggggt tccaaggggg ggnaagggtt ttttgngaaa ggnt                          884

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<210> 4188

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

```

<400> 4188
tgtnnctttt cnnctcennc cgaaatcnct ttgntttetaa ctttcctaata tacctgggct      60
acttgacta tccntcgat ncgcatagat ggccnngtta ctaanggtga ntttcagcg      120
cggggggcac gtggagtcac tggaacattt gngcaatgct ggtgggaatg tcaaccgng      180
cnggcctctg gaatangcct ggcnntcct gcnagagtta cctgtgacc cagcaattcc      240
actcctagct ccaccacag gantngaaag cnaagacgca nacagatgcc tgngcnccaa      300
anttcacggc agcatcctnc gccatantgg cancatccgt cgtnacagcg gcatcatcct      360
tcatcattac ggcanatcc gtcgtaacag cggctacatc acttcgccac agnggcagca      420
tctgtngtca cagnggcngc anccttngcc aaagcggcag cntccttcgt catagcgna      480
ncatnctttg ccatanengc naggtggaaa ccctgnccat ccaactgaggc ntncatanac      540
tanncatggn cagtccaggg cactggaanc cangcctgng aacggcgccn acggtanna      600
ggaatganac cntgatgcnc tggggccana catactggct anacanactt ggagacatca      660
tgcttanttg nannnccant cacacttgc nncggcgtna tctgtctcac gtgatncgac      720
ccgaatgggc acttcaaagtg ggaanaaggg ngatggcact nccggtnncc tnganagggg      780
n                                                                    781

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<210> 4189

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

```

<400> 4189
tnnncttcen nnctcnaeng aaancccttg tattgccctt tatgcaggat ccttcgattc      60
gagcagctgc atctaggggc ccttggtgag atttacactc antncttggc cgcccccg      120

```

tagcccagat	tcaaaagggtg	aacatctgtt	tgcagaatct	gattcatgag	aaggtagatt	180
tattgttttc	agtttagact	tttgggaagt	tggactagag	aggggagttg	ttggggtcag	240
tgctggctta	acagaaaaca	cagcgaattt	cccctccagt	tctccccaag	tccactgaac	300
aaggctagtt	cctgcaccac	ccaggattca	aaggaaagac	gaagggagca	gaacttgtagg	360
cagcaacagg	taaacttcaa	gaaggagggc	aggagcccca	ccctacaggg	cttggganga	420
gccagaggc	cccatctgtt	tcttcttcca	ggagttgtca	aggcagcaga	aaggagtcac	480
ccagccaaag	gaggaagatg	gcttcaccgg	gctgcaccaa	ggggccaaga	agcccttacc	540
ccgtgtctaa	acccttctct	cacttccctt	taagccttgg	tgaaaagaag	tcaagaaagc	600
cccaaggctt	ccttttttct	tggtttcttn	aacttcaacc	agcttaaaaa	aatgggcttt	660
ccagggtant	tggaggttca	attgaaantt	tcaanaccat	tggtttgggn	ggttaaaagg	720
ttttcttctt	tnttggttnc	ctggaaaaaa	cctttcaatn	ctttcntttg	ggnggtcttc	780
antggtcnt	caaattcttt	cccccttnta	ttgaacattg	caaaaaaac	cnancctttt	840
ttttttgnaa	a					851

<210> 4190

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4190

tnnnttctaa	tantttggat	cttgtgtctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgagcccat	gtccccgccg	ctcgtctgcc	tggctgcggg	gtgacacggg	gcttcgcctt	120
gggaaggggt	cgagggaagc	agttagacgg	ctgccgggcg	gcggctgccg	cgcggcacac	180
aatattttatt	taattgcca	actaccactg	atgaagatat	attggagtga	ctgctgaaat	240
tgcttttttg	tttttaacca	gaggacagtc	catttgtttc	acttcttttt	gctttcttta	300
ctgctatgag	ctttactgaa	cggctgaaaa	acttggaaaa	taaaatggac	atgctgtagt	360
cttgaacata	atttttttaa	ggaaaactta	aagtgccaga	gtgaaagcca	gaatggcatc	420
cagagagagg	ctctttgaac	tttggatgct	ttattgtaca	aagaaagatc	cagattacct	480
gaagctgtgg	ttggacactt	ttgtttctag	ctatgaacaa	tttttagacg	ttgactttga	540
aaagctgcct	accagggtag	atgatatgcc	tccaggaata	tctctgcttc	ctgataatat	600
tctgcagggt	ctgaggatcc	acttctacag	tgtgttcaga	aaatggcaga	tgggttagan	660
gaacaacaca	agccttgtca	attttgcttg	caagttcttc	attattcttt	gcaggatatct	720
agtagaaaaa	ataaccttgt	t				741

<210> 4191

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4191

ttggnnctng	ttcttttttg	aggatcccat	cgattcgnac	cgnncggcca	gctgncaggn	60
nacaggggct	gtaggcccag	ctcanaccac	ttnggagctn	tggctntntt	caaaaacatt	120
gtngactctc	ttaccacac	attcctnngc	tgggaagggga	gattgacaaa	ccagcatcat	180
ctctangtta	ctacaaaagc	cctcnctggn	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtac	nntagactga	gttncctctgc	tgntnaaann	nctgaanagc	300
ctnctaantn	tacctancgn	aaaacctana	nnccttttnc	tggcctgcta	ngcctgcgc	360

cctntggccc	atcntntacg	accacctnta	ctactgcent	tctgttaggc	ctntgggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcttggctca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataanatg	gcccgccent	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaata	aacagcnngt	720
tgntcacact						730

<210> 4192

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4192

ttggnnctng	ttctttttgc	aggatcccat	cgattcgnc	cgnnnggcca	gctgncaggn	60
nacaggggct	gtagggccag	ctcanaccac	ttnggagctn	tggetntntt	caaaaacatt	120
gtngactctc	ttaccacac	attcctnngc	tggaagggga	gattgacaaa	ccagcatcat	180
ctctangtta	ctacaaaagc	cctcncctgg	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtac	nntagactga	gttncctctg	tgntnaaann	nctgaanage	300
ctnctaantn	tacctanecn	aaaacctana	nncctttnc	tggcctgcta	ngccctgcgc	360
cctntggccc	atcntntacg	accacctnta	ctactgcent	tctgttaggc	ctntgggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcttggctca	540
tcnnggctca	aaagctnncc	anctgagcac	tgggacctaa	acccctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataanatg	gcccgccent	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaata	aacagcnngt	720
tgntcacact						730

<210> 4193

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4193

gtnnennttt	ctaatacctt	ggnnntnncc	ttctaatagt	tggtctctgt	tctttntgca	60
ggnatcccat	cgattogaat	tcggcacgag	cctagttatg	ctataatcaa	gcaggaaatg	120
tttatggaat	ggaaagatta	aggaaaaggt	atgttcttat	tttagcaata	aaacgaatac	180
cagaagcttt	aacattcacc	agtacaaata	aatagtttca	atggaatagg	tcgaaagtaa	240
agggacatca	ctagagtaaa	tgctagacct	tccctctcct	tttattttta	gcaacagcaa	300
agcagaaact	aagatctaca	agtgatcaaa	gaggggtgatc	cattcagttt	ctgtgtagac	360
aggaataata	ataatacctt	ttacatattg	gtacagtttg	taaaaacact	ttcacttact	420
catttaatat	tcatagcaac	ttgatgaggt	agaatactat	aggaagcagt	attagctcag	480
gttggtacgt	aaattactgt	gtttaaattt	caataaaaca	gctatggaat	ccaagacatt	540
cttgggcctt	aataaaactgt	attcttttgc	aacagtgaat	gtgcttctct	gttgcttggt	600
aagttttttt	cccttagaat	actaataaag	taattgatta	actttcattt	ttattttgat	660
ttgattggga	cagcaatttt	agcagtaaaa	aatgtcacct	ttataaatcc	tgtggtttct	720

ggtcttggnc aagttaaatt caacctgacc aggaaggcac gctttaattc ttat

774

<210> 4194
 <211> 771
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4194
 gnaacnttttn gnaaancctt ngttctaann gctgggntcn nttggtnctc gcacgatccc 60
 ntcgntncga attcggcacg aggtcagatg ttcttggnnt acgttgagct ncantgaagt 120
 gagaggggca nagggggctt ggggaagtcac aaggtcangg agaggagaag aagcgtgctg 180
 gatgagtcac actgnaggac tcaagccagt aggttcttgg tagcccgntt actgacctgg 240
 agccangcac tgatagcaac gtgtntctctg aggggaaggcn aatggnaaat ccaagcangc 300
 actgggatct gcctgtgaca ctcttggtggg gcctggaccc tcnnccctaag ngagcttggg 360
 ccantcagag ccaccccagg ngcccctncc ttnatctcca ttgtggcang cacaggaaca 420
 ttgtgatacc canaaaatgg actcctgtct tgtgcacagg atgcacctgn gtttntctatc 480
 ttnccattcct gaganctntn nagccaggag gacctgantt gaatcctgac tttgccnata 540
 tnaatgacta tgtggctgtn ggtaacttac ttatnctaca tgagactact tgtttcatct 600
 gccggaaaan gtaccatann atctgccttg ccttatttga cttnaggata aatcaagtcn 660
 gntantaaag ggaaanntnt gttncacttg aaaaatcaat taatggttca ttgttctctc 720
 nttaaaaann gaaatacaaa ngcttcngcc tttagaacnn tnttggagnn c 771

<210> 4195
 <211> 744
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4195
 ttctttcaat ngntgggaac tngttctttc cgcaggatcc catngattcg aattcggcac 60
 gaggatgcat gaattactgc attaaaaattg atttatggga attattggtg tttcagtagc 120
 atttcaattc agttgccaaa tagagcagtg ggcaatgtta acggaaacaa ctgcaattgg 180
 cgcagtatgg agtgcctatc gcactaggaa atctgagggt cacaaaagaa aggagatgtg 240
 aggataagaa actttgtttt tcccttggtg ggaactcttt aggcctcggg ttctgggtgac 300
 agccccaggg atcatcaggc ccggaggaaa tgtgactatt ggggtggagc ttctggaaca 360
 ctgcccttca cagggtgactg tgaaggcgga gctgctcaag acagcatcaa acctcactgt 420
 ctctgtcctg gaagcagaag gagtctttga aaaaggtaag ataaacagca taaagtctta 480
 cccttctgca gtaataactg gaatatgtta ataaggatcat gtgttangta gtatagcaga 540
 gaaaccccaa atttgcagta tcttacctaa tatactttta attctcactc atgtaaagtc 600
 ctagatgggtg tcttgatgac tcttccaagt gccagattca gagaccagtg ttcttccat 660
 tttgnggctc cattatcatc acttggtctc caagactgca ggggaagatc atggatttct 720
 tcatgggana angggaagag gatn 744

<210> 4196
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4196
 tntnnttcct aatngntggg ctacttggtc tttctgcagg tatcccatgc gattcgggttg 60
 ccaaggattc tattgccatg tgttgaggag taggagcaag gagatagagc aggaccaatg 120
 ttacaataag aaccactat taaccccaa gaatctgtct tgtgaggag ataaatagtt 180
 atcatacatg cgataagtcc cacaccagca catgaaaaga ttagaagaac aagagaaggg 240
 aagaaacctc ctgacctgtt tcagggtggg atgcttcata aagaggataa cagttaagcc 300
 actaacagta atgcctctaa tcttgaatct gttacctact agttttgtgt ccctgggcag 360
 gtaacttcat gtttccttgc atcagcttac ctttaaaatg agaataatga taattatcta 420
 acagggtcct tactgaggat tctgtgagat aatgcatgga aagagcttaa gtccatgccc 480
 aggaaatact aagtgtctca agtaaagcat ttttttttcc ttttttatta cctagtccca 540
 caagagcaat ttttttatat caagattagc tttaaattca gaaggaaagg gaatacttga 600
 atgggtcatt gccagtaacc ttatattgat gccatgtttt gactttgaga ctttttttgg 660
 agtctttttt aatggnaata caggtttctg gtggaaacca cccttggtgt caaaaagttt 720
 cnntgacctt gtgtgtgtgt gnggggtggt acacatgtgt cct 763

<210> 4197
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4197
 ntntttnnnn nnctnnttgg aaacccttna aggaaanacn tggcccttcg caactncagg 60
 ancccatcga ttcgaattcg gcacgaggag gcaggcaggg cntttgggtc cttgttcag 120
 ctgttatggg gcttaggcca tgctcagtgc tggggacagg agttttgccc aacgcagtgt 180
 cataaactgg gttcatgggc ttaccattg ggtgtgcgct cactgcttgg gaagtgcagg 240
 gggctcctgg cacattgcca gctgggtgct gagcatngan tcaactgatct cttgtgatgg 300
 ggccaatgag tcaattgaat tcatgggcca aacagggtccc atcctcttca tgacagctgn 360
 gagctcctta ctgtgggaga gctgcaggga gccaaaggagg gctgcctgac acacttgccg 420
 ctctcgtgtg aatccaagaa actgcnttnc tcaaaggggc cctggtngtc acctctncc 480
 acagccattt ccacccatcg nntgtctaga atctctttca ttagcacatt ccaaccctc 540
 tgacactnng tttaaaaatg agtccctgg ctcantgggg ccttntagaa tctggaacca 600
 gacggaggtg gaagttaaga agataggaca gaacaagcag gcccaaagng ctatgggttc 660
 actggggana gaccattaat tctncagatg cttttactcc tgatggcttt taccattat 720
 tcttttcngt ttttaagagac atgggctnac tcttgnacc aagctgggaa tgct 774

<210> 4198
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4198

ntntttnnnn	nnctnnnttg	aaacccttna	aggaaanacn	tggcccttcg	caactncagg	60
ancccatcga	ttcgaattcg	gcacgaggag	gcaggcaggg	cntttgggtc	ccttggttcag	120
ctgttatggg	gcttaggccca	tgctcagtgc	tggggacagg	agttttgccc	aacgcagtgt	180
cataaactgg	gttcatgggc	ttaccattg	ggtgtgcgct	cactgcttgg	gaagtgcagg	240
gggtcctggg	cacattgccca	gctgggtgct	gagcatngan	tcactgatct	cttgtgatgg	300
ggccaatgag	tcaattgaat	tcatggggcca	aacagggtccc	atcctcttca	tgacagctgn	360
gagctcctta	ctgtgggaga	gctgcaggga	gccaaggagg	gctgcctgac	acacttgccg	420
ctctcgtgtg	aatccaagaa	actgcnttnc	tcaaaggggc	cctggtngtc	accttctncc	480
acagccattt	ccacccatcg	ntgtcttaga	atctctttca	ttagcacatt	ccaacccctc	540
tgacactngg	tttaaaaatg	agctccctgg	ctcantgggg	ccttntagaa	tctggaacca	600
gacggaggtg	gaagttaaga	agataggaca	gaacaagcag	gcccaaagng	ctatgggttc	660
actggggana	gaccattaat	tctncagatg	cttttactcc	tgatggcttt	taccattat	720
tcttttcngt	tttaagagac	atgggctnac	tcttignaacc	aagctgggaa	tgct	774

<210> 4199

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4199

tccctttnaa	ctccttgaat	cccttgaatt	ncttatccca	tcgattcgct	gatctccaga	60
cccataaggg	agatgctgag	tagacaactg	gggctttttt	ggtctggagt	tcagaggaga	120
gatcgggaag	gtgtccattt	ggagtcatcc	acgcagagat	gtgtgaaggc	tgctcaatga	180
ttttgaggtt	taaagaaaaa	aagagatgtg	aaaccagggg	ccctgatgag	gctgcccagg	240
tggttaaggaa	gacagaagag	aagccatggg	acagctgagc	ccgggcaccc	tcaagccttg	300
gagggcatgaa	gnttgggtgg	gatctgncnn	naaacacctg	nnanctgtca	gnngggccanc	360
anaccctnta	gtntcacnga	nnnnntncnn	nangcaaaat	ggcnctnttna	anatctcngn	420
ttatntaccc	ntngnagtca	ngnnngacta	cntnanaaca	tctnatatg	naaanntatt	480
tcgcngcact	cngnctttta	ccanntctgt	nctttnncnt	gggtacatgn	tcgnnatntt	540
tncnnggaaa	anattaattg	gctntttnt	nnanctnngn	ngaactgtaa	anttnnacc	600
ttenacannn	aanntttnt	ctcnggggct	ncttncaatn	nacntaatan	ggncacagnn	660
nannctnanc	anatnannaa	acccttannt	atannacncn	nnnannaaan	anttannngn	720
nntntacncc	cananctntc	tncnnaaaaa	tnggnnncc	tcnttcnna	aaancntcat	780
nnntnantnt	atanannggc	ncatttnact	ctnnccctat	aanantcnnt	ngnnntcccc	840
annaaatctg	gggnaacaan	ctttgnnttc	aaannannnc	tctnctnnnc	netcacanac	900
gncanttnnt	ncaannngnc	acttacnna	antntntcta	ntatatctnn	cnngnntcnn	960
nnatntnngn	cntnntctna	ancnttttta	tttnnanana	nnaacnttan	anccctatn	1020
ncttnntcta	naagcancnc	naacaanttn	tecnngncnt	cctnnncc		1068

<210> 4200

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4200

tnnnnttnnn	nnnctcttca	aatccttggt	ctgcctttct	gcaggatccc	tcgattcgaa	60
------------	------------	------------	------------	------------	------------	----

ttcggcacga	ggctgtcggg	cctcagcaga	gctgcctacn	cacctgagct	ccgattcatg	120
tactacgtcg	atggcagggg	ccctgatggg	ggctttcgtc	aagtcaaaga	agctgtcatg	180
cgttatctgc	agacactcag	ttgacacttg	ttatatcatg	ggacccccga	aattggagtg	240
aagctagaaa	cagaaaaccc	atgcagggcc	tcggattccc	acaaatgtga	caagaggtat	300
agggagttag	tcgcagcgct	ttgctcgtga	ccctgggagc	agagcaccca	tcaggcttcc	360
attactgtgg	gctccctaag	aagaccatgg	agagcttggg	gactccccca	ggaaggccgt	420
gaagctgggg	attcccccta	ggaaagccat	gaggaactgg	ggactccccca	agaaggccat	480
gaggaagcca	gaaattggag	gtggtaggaa	gtggtaggaa	tcaatgatgg	ccagcaggac	540
tcattctcctg	cctaactgga	caggaagcct	gcacccactt	ctgtcttncc	ctggaactgg	600
gcactggcgt	acactgggtat	ccctcctaaa	gaagtgactc	acctgactga	tcagcaagaa	660
gcctanatgc	aggcctacca	tggatggctt	cctagttgcc	tggggaaacc	ctggaatggc	720
atcaggagaa	agcaccagga	atccagtcct	tcnct			755

<210> 4201

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4201

naataccagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaagg	60
ccttaggctt	tttttttgta	gggtgagagt	gggggagaga	tctcttgctc	tggtgccag	120
gctggtctcc	agctcctggc	ctccggcagt	cctccacact	cagcctccca	gagtactagg	180
attatgggca	tgagccacca	cacctagcca	ggctttttat	attgagttgg	ttatatatgc	240
ttcatagcca	cactttataa	tattggagta	tagtattaaa	ttacagcttg	ttgtcaagtc	300
agtgtttctg	taagacagta	tatccaatat	tggtagagtg	aacacctatt	tgggtgataca	360
gatcaacagg	gtgtctctga	ttaatttagc	tcctacatag	ccagaagcaa	gttcattatg	420
attdagaata	ttgtacatgg	ttatgcagga	atcatcccaa	cctatctgtg	tttataggtc	480
agatgatgtt	cagtttataat	ctgctgatag	tgtatatgca	ggaaaacctt	taaaaccact	540
tcagacttgt	taaaacagtg	agaaagccgt	gattgaaata	ttaatacaac	ccgtgtggta	600
taaatttcat	ttacantggg	aatgtaaatg	ctgtcatttg	aatcttgnca	aagcctgcta	660
ctaaaactct	taaaancctt	gctaggggaa	taagtcttta	ntnccaaaaa	caatatanan	720
ggggatgtgn	gtggataata	caaggacaac	catatgttgg	tggcnt		766

<210> 4202

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4202

ggnnnnnnn	gggaacattn	cncnanatgn	actcnttgca	aacgccccnn	aatgcaggat	60
cccacgatt	cgctgaaacg	gaaacctttc	gcaaagcctg	tgcaggcaga	ggattttaca	120
cacatccttg	acgtggcact	gtgtcttcag	gggtgctgcc	ctcttacaga	gagacagatc	180
tggaggccat	ggcgtttttg	gtgagaaatg	ccagaaacag	cttcagtttc	cacctactgc	240
ttcatattta	taatcacagt	aatctatttc	tcgnttnngt	atttctagag	caacaaattg	300
tgtgatgcga	aattagtacc	agaggaacaa	tgactccact	taacaaaaaa	atagcaaggg	360
aactatgaaa	aatggcacia	ctgcttaact	ttaatagttg	aagtctttag	gagacttcag	420

tagttgaaat	gacacagaaa	aatcctcaaa	ctaacatacc	tacatgaaac	tgagtttctc	480
aaagtaaccc	acattttatgg	aaatagaagt	ttgnnttgca	gaaacatcag	cncattttgt	540
aaggngtatg	tgatatttaa	antttgtgatg	cttgngaata	agggaaatggg	gctntagggtc	600
tgaggaaaagg	ggagcattca	ttcaaaactgg	gaggggggttt	tgcattttta	aggtctgtat	660
aagggcacga	acttggngga	gacttggacc	ngntttccgn	atgnatnggg	gacnctctgg	720
tctaagccat	tgggggngnc	nggactttct	ccaanattct	ntccaaacnt	gnctctctta	780
atttctccga	a					791

<210> 4203

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4203

ggnnnnntgn	nnntttcnaa	tnctngctac	tcgttctttt	tgccaggatcc	catcgattcg	60
aattcggcac	gagattacaa	caatatggat	agtagggagg	aggaaaacaa	gaggagaatg	120
ggatcaacag	aaggcatata	tggggagtg	ctggatggct	ggaaaattcc	attttttgac	180
caagatgtgg	taaacacggg	gagtaaagt	ataatttttt	ctcttactgt	gcttttaggt	240
tttggtgctt	tctgtctgta	tgctgtgttc	cacaataata	aaaatattta	aaaggcaaaa	300
aaaagtaaaa	taatgaatat	aaaattacac	tgaaactaca	tattctcata	gatagaattg	360
taattattag	agtttttgct	gaataaagtc	aaatagacta	ttatagtagt	tataaacgca	420
agttaaaatt	ttagggccgg	gcaaagtggc	tcacgcctgt	aatcccagca	ctttgggtgg	480
ctgaggcggg	tggtcacct	gaggtcaang	tggtcangac	cagcctggcc	aacatggtga	540
aagcncntat	ctactagaaa	atntaaaaaa	tttnccctgt	ttttggnggn	ggggctcctt	600
taatcccaaa	ttactnnggg	gagggttttg	ggcaangaaa	aaatttnttt	caaacttttg	660
gnagccccc	ggtttntan	ngggcccttn	naaatttttt	ccaattnccc	ctttcaagcn	720
tnngggggaa	caaataatta	aaaacnccnc	tttttcaaan	ttngaaaaaa	aaaaaaaaaa	780
naaaaatttg	gnnccttttt	aaattttngg	ggggggggaa	ttttnnngaa	aaccccccaa	840
tnnt						844

<210> 4204

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4204

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aaagttgaaa	tcctagtctc	tggagtcctc	tgtgatggca	aattctgcct	tccttgtttc	120
ttcttttttt	ctcctctgtt	ttcccatttt	agtagttcaa	atgggtttttg	tattattgaa	180
gacagggtatg	tctcaaattc	atggaaactca	caaaaaaggc	tcattttcta	tcctcaagga	240
gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	300
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggt	gggcagggtg	360
tgaaaggagc	tcatagattg	ttccaagtta	ggagagcatc	ataaaaagag	atggaaattt	420
acttgctaca	gttttagatt	tgctctgtct	atagcagaga	gtccatttca	gagcatatag	480
ggattgtcag	gacttaaaaac	ctgctgtatt	tcttacttaa	gcacccctct	ccccagaatg	540
ataagagccc	anctttgggc	cttggaatgg	gagtagaatg	tgggtatact	gtctatcata	600

tganaaaatt	gcntngaacc	aacccccccn	cncncnaaa	tgccctgcatg	tnaaactggn	660
gaacactggg	taatatanat	ggattattat	caatgtcaac	ttcctggact	ggngaatttg	720
gcctataggt	tnccaaaaat	gtccccctga	aanaaaaggt	ttttgggggc	tttnttt	777

<210> 4205

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4205

nnnnntnt	taaagaccag	ctcttggttct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgagagaa	gtccactgg	cacttttgta	ttcacaacta	ccgggtgcga	taaggcagtg	120
agggttatta	tgataccct	tttcacaggt	aaggaaacaa	ggctcanana	ggttcaacaa	180
cagagtcata	attcttcttg	ttggagaatt	cattttgnta	catttcattc	ccaccatctg	240
cagtaaggga	gacccattaa	aataactat	cctgattttt	aaagagaagg	taacattaag	300
gccnnnaggt	tngggatntn	nccaanttca	ctntgggctt	ctggactccc	atgcccaca	360
gcctgcatga	tgcanagt	tccctcaaga	gcctagtgn	tgattctttt	ttngtgccan	420
ganacagact	gtggacctg	agaggggtng	ggggctggag	aantagagga	ggtgganttt	480
ctacaacagg	ggntattgng	ggggtantaa	gaccaatgac	tacataagg	cctncgtttg	540
gtcttngncc	agaaaaatgc	gtcttttagcc	ttttaacgan	tgcngtttnc	ctccattana	600
taaccagntt	taagccacng	gtgttgngnt	gggcaccatt	ccannngctt	tngggencat	660
ggtntntntaa	accnaagtc	cctcnatca	anngttnt	taannanggg	ngcctttgan	720
ntnttttttc	tttctccag	nnngaangga	acntgttngg	gctnnntntg	cctttttggn	780
nnaaaaaatt	tttttttncc	gggttccnna	aaaancttng	ntnnnttn		828

<210> 4206

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4206

tncaatncng	gctctngttc	tttttgagga	atcccatcga	ttcgaattcg	gcacgagcgg	60
acctctagtg	cctgatgttc	actttcttca	ggtcctcaat	ttcctacatt	taagctgttc	120
ggttaaactt	ttccatattc	agcttgagat	caacctcctt	tacataactg	attatttttg	180
ccttgaggag	aaaagatgac	gctaaacaca	gcacacatgt	gtttattata	tggttggaat	240
gtggaattca	aagatgaaag	agacgtgagc	tgcatcacta	aaaaagaaac	atattacata	300
aatgcaatgc	tgatatcata	gataataaaa	ttaacactaa	ttttttgata	ttatcaatta	360
tgcagtccat	aatcagattt	gttttggtct	tagaaatgac	tttttacagt	tggtttgttc	420
aatccagat	cagataagtt	tcacacatta	aatctgttta	aaaaccaatt	tttaaaacag	480
acgactgtta	aagggccaca	tggggaagct	ttatggaatc	ttccaacaat	tttgtgtgcc	540
cagctacttg	ggaggctgag	gcaggaggat	cccttgagcc	caggagtcca	agactgggca	600
acacaaagaa	accccatctt	ttggctgggt	gcgggtggctc	acacctgtaa	tcccagcact	660
ttgggagccc	gaagcaggcg	gatcatgagg	tcaggagtca	agaccagctt	ggccaacgtg	720
gtgaaacccc	gtnttcaacta	aaaattcaaa	aattagctgg	ncatggtggc	gtgcgtctgt	780
aattcccagc	ttcttggaag	ggttgaggcn	naanaatctc	ttgaaatcca	gnat	834

<210> 4207
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4207

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acccagttta	agggacattc	tgtacggtgc	ctgaatggcg	ctcctgaaaa	ctgtgcaggt	120
cctcaaggct	gaggaaagcg	taaactgtcc	cagaccaggg	aggccaagga	ggcgcatga	180
ctcaatgtca	tgtggtgccc	tggatgggat	ccagggacgg	gaaaaggaca	cttgggaaaa	240
actggtgaag	ttcacgcaaa	gtgtccgggt	tagttcagca	tcagagacca	atgatgggtt	300
cttggttgtg	acnaaaatgt	tccatggtct	gaaaggtgtc	aacaccaagg	gaagctgggt	360
nagagggtta	ccagaatcct	ctctactgtc	ttttcagctt	ttcggtaaat	ccaaaagtac	420
tttcaaata	aaagttta	ttaaaaatga	gaagccacct	ccccacgag	atcatgaagc	480
tccatgaagg	ccaaggccat	gttaatgcc	aatgcatgtt	ggttgaattc	actcgtgttt	540
ggttgaattt	actgatgttg	gttgaattta	ctgatgttgg	ttcaatttta	ctggatgttg	600
ggtgaaatca	tttcatgttg	gttggaaattc	acttattact	gnggtnttta	ccatcttngt	660
tgcagccctc	ttcattcttt	ttttctnaat	ggncaaacaa	ataantnggn	tgtanttaca	720
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at						782

<210> 4208
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4208

atnnnnntt	tetaatacnn	ggctactngt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcagcagc	aaataagtta	aatgtatatg	gcattggatt	ggaattggag	gtatcagtgt	120
gaactcatgg	ttttgggttt	tttggttttt	gccttttttg	ttttgttttt	gttttttgag	180
gcagggtgtc	actctgttgc	ccaggctgga	ngaaatactc	annaacgana	cnctatngtg	240
tatcanaagc	tgctacgcnt	ntcatggntt	tgttanngan	cnacacagat	agtcntnttg	300
tattcanega	cttannttan	anagagacag	natgggaatt	aantgttaan	gtgctagcca	360
acaagtaaag	attencataa	aacaanggtt	atatnccag	tcatacaagt	gataaatttt	420
ccctgctaac	tttagattaa	aaagtanttt	ttangccann	ttgtgngngg	ctcacacctt	480
ttntccctn	cactttttng	caggcntnan	ggttngacna	natccccctt	nacnnttcan	540
gaantnttcn	nnnaccctcc	ccttgggcna	nncantggnt	cgnaaacccc	ccatcntttt	600
tccncaaaaa	aattcccaaa	ntttcgcnge	cacccggntt	ngnnntnccg	tggtanccnt	660
gattnttttc	ncncttccan	ccggnnnngn	cncnacngcc	ananaaaaaa	ccttctntnt	720
anccctngnn	gaggecnenn	gtttcncnat	ngnncccnna	aaattggggg	cttttagnan	780
ctcnttacc	ctngccennnc	nganttnaan	cnattctttt	aaataaaaaa	accctcctta	840
ancttattat	ngagtcgcta	tttncntanc	aacctntacn	tc		882

<210> 4209
 <211> 881
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4209

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tcggcacgag agaaagattt tctttattaa tgaccccaac cgtatttctt tagatacagg      120
agttttgaac tcaaatactt aggagaaaac aagttatgac tgcattatcc tgcaactcat      180
taccagtaat atattgcaaa gcgaaacagc ttggaaaaga ggggtgggaga aaagggaagt      240
gagggaggga agataaagaa aaggaattaa gttgatcaag tggaattctt tttttttttt      300
taattcttgg gaactatgaa gtctttgcaa gcacagctcg tttctgcaga ttattttcca      360
aacgtgtaca aaatggaacc aaaacggaga atcccttaag aacctgaaga ggcgcaacat      420
taaaagctac gattatccag tagcaagtgt tccagccttc agttgccagc cgcttcctcc      480
tcttattccc aagattagcg ggatgaaaac gtcttccccg tgattgtttt catttctttt      540
ttctcggcat ctgggctgtc gcggttcagc accttgagga agtcagacgt tttcgcccg      600
atcgtgtgtg aatataggcc ttagagcact tgatgtggta gtgcaggtag tcccggaacg      660
tgtggatcag gttgatggtg tttgtctcga gcnncnnnnn tnnntnntnn nntnnnnntn      720
nnncnnntnn nctcnntnnn ntnnnnnct tncctnctc tnnctcnct cnetnctnnn      780
tctnnnnnn nntnntttct nnnnnntttt ntnnnctctn nnnnnnnnnt ntntcnnnnn      840
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<210> 4210

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4210

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ggnnnnnnnt nnnnttttaag atcagctatt gttctttttg caggatccca tcgattcgaa      60
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ggggagaggg tcacagcagc tttaaatggt ttcacatcgt gtgttccaaa aataactggt      180
tagcctaagt cacttccacc ctccaatggt gtgaatgcag tctctagcat tcgctattta      240
atgtcttctt cctgcactat ttgagaaatc gcgaggtcga ctttaataccg cagtcgccac      300
ttcncggacc ggagggcgga gtctgcttag ttctgaggac tgcgtgggtc cgcgagaga      360
gctcctgcta ggcctgcgcg tcccgttcta aattcttacc ctttagttct tgtcaccacc      420
cccgcctggt ggaacggcctg acagtcactc gtcaaaggaa gtggctgccg gcagctcttg      480
acccggaatc ggatcctagt cccacccccct ncgnccaggc tttcttctgc aacaggcggtg      540
ggtcacgctc tcgctcggtc tttctgcgcg catcttggtt ccccgttccc ttgcacaaaa      600
tgcccgngga aaccacagaa acccgctcct gctacagagc angagttgcc gancccccagc      660
tgagacaggg tctggacaaa atctgacant gatgaatcnt cccagagctt gaagaacagg      720
atttcacca gcaccacaca acaagcccag ctggcggcag cagcttgaaa tcnatgaaga      780
ccatc      785

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<210> 4211

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (839)
 <223> n = A,T,C or G

<400> 4211

tngnctnnnt	tgttanatct	ngnnttttcta	atncttggcn	atcgnantnt	ntgcaggacc	60
catcgattcg	aattcggcac	gagccgacta	cttgtgcagt	ttgccctgct	gagccctcct	120
cgccccggga	ggcagaagg	gaggggtcct	cagcaatatg	ctgagcacct	cctaaacaac	180
atcacctgaa	aaangaacct	agangaganc	cattctcaaa	tctgatcctg	gactgagctc	240
gagagctggg	ttgagagctg	ggttgatcaa	agttgggatt	ttgctattat	tgtgacaaag	300
ggtccagcct	tgcagtccan	atcctgaaag	gcctgggaca	aggccaggta	atttggggag	360
tccttctctg	atctgtgcag	gatgttcagc	ggcatccctg	gccaccact	atgatccccg	420
cagcaaacc	ctcagttggg	acatttaaaa	atgtctccag	acnttaccaa	atgggacagc	480
attgnacca	tttganaagc	accggttgag	agcaaatnca	caaatntnta	aaatggggaga	540
tttgggccgt	ggngnggcaa	gcctgtagtc	caatntcntn	ggaggccaag	gctggggagga	600
tcnttttnatc	cccaggaggt	anctttccgg	nngggcgaat	aactgcacca	ntgaactncc	660
atattgaatt	gaacagaanc	ccangacnct	ttnttttttt	aaaaaaaaat	atntntntaa	720
naaaanaaaa	cttngnnncn	ttnttaaaaa	nttttatngg	gangtnggt	ttaccgttga	780
anccccncn	ttgaaaaana	aancatttgg	tttaagnttt	gggccnaaac	ccacancnt	839

<210> 4212
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (794)
 <223> n = A,T,C or G

<400> 4212

ggnnnnnnngg	nnnnttcnat	nnnagctctn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagtttaaaa	atacttcttt	gtaaaagtta	ttgcacaaag	aaaagacatg	120
aatgtgtccc	tgttatgtac	tcacaaggat	aatgatgggg	ttgttgctca	ttaatactgt	180
ttcttgtgca	ataactttta	caaagaagta	tttttaaact	gatcattaat	tttatgacca	240
cagaaatgag	atgcaaaatt	tatgctattg	tcagtggcac	aggctcacag	caccactgac	300
atcttgtgtg	attgtaatat	aatggctgcc	aactaatgat	tctgtagaca	tttcatttga	360
gtgtgctttt	cttttagatgt	gtgattagct	gtaatgcttt	cacttatgtc	tgtaaattat	420
attggatatg	tttacctgat	gcctattgtt	gatttggagt	tcagttttgt	attacataaa	480
tgcaagttga	actttttttt	tttaatttat	agaagtcttt	gcaggtataa	ctacaaatac	540
tcagcccctg	gggaggaaaa	atgctttgca	ctactcaaca	gtaaccctg	cgttcagtta	600
aaactcctta	taagacagca	gcttttactc	tttatgggt	cgaaaaaaaa	aatanggggg	660
aggaaaangg	gatggaccat	cctgggacaa	tggtagaagt	gaagaanacc	atcttggaaa	720
aatgaggngt	ccttccctta	atgcaagggt	aaaaaggggc	tnntccttna	tatatagcaa	780
tatagaatct	ttgg					794

<210> 4213
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 4213

nnttaaganc	agctcttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagca	60
gagaggcagg	gataccagat	atggggaaat	ctgtaattac	atgcaggcat	taaatattta	120
aatatatatt	ttcttctttt	aattgtggta	aaacacatat	aacataaaat	ttatcgtctt	180
aaccattttt	aagtgtactg	ttttgtagtg	ctgagtgtat	tacattatta	tacaaccaat	240
ttccagcacc	ttttcatctt	gcaaaaactaa	aactctttac	ctattaaaca	actactccct	300
gtttctccct	cctcccagtc	catgagaagc	accattttac	tatcttttct	gtgagtttga	360
ctctacaaac	ctcatgtaag	tggaattatg	caatatgttg	acaaaccaa	ttctgtacaa	420
tatttaaaga	ggtttagtct	gagccaaata	tgagcaacca	tggcctagga	cacagtctca	480
agaggctctg	agaatatgtg	atgtgcctta	ggtagtcagg	tcacagcttg	gttttgtcat	540
tttagggaga	cagaagttac	agacaaagac	atacatcaat	accgtaagg	cacatgttgg	600
ttaagcctgt	ggaaagatag	gacatcttga	aaccaggcca	tcacatgtca	cangtggatt	660
caaagatttc	tgattgggtg	aaaatctttg	gttgggtgna	agaagttaag	ctttgnctaa	720
aggcttggaa	gtcanggaga	aacaattgct	ttgagttaaa	ggtaangggg	gtgng	775

<210> 4214

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4214

tnnnntttcn	aatactngct	atttgaactt	tatgcaggat	cccatcgatt	cgcaaaccgg	60
anatgggttn	tttttcgngg	ggnggggang	gaacanattt	gcattaacaa	ctactgngaa	120
ttntccatnc	aangataatc	tcncatgtcn	aananceent	ttnttaaant	nngaattggg	180
ttgggcttat	cagaatannt	ntttattaga	ggcttttttn	caaanntcac	nggttnccac	240
tgnaancccc	cataatnntn	tttttaanen	gctgntctan	ggatgagccc	canttanttn	300
ntgcaagnng	ggananacnn	nntgtgtnan	tncanatnnt	ntgctngaac	cngnncactn	360
nttcataact	agctngancc	catttcccgt	gnacttcggg	cgntnnannt	tnttangccg	420
gccnnaacca	atgantaggt	gaaaaggacc	cncatgtnac	ccccaangna	tanaccccat	480
atttccatga	antannacct	tnttctgtng	ggatgcccc	tcttagaanc	tntgggncat	540
gnngagnnga	agccctgagc	atttntntna	acatgcctac	ttactnncn	aanttgcna	600
ggantgtgnc	ngtgccantc	catgaatggg	gtanggcgca	gatccncgca	aacagcccan	660
ttgntaccca	tgagatatgg	aatnttccctn	nctatggcaa	antaatggcc	natttncaaa	720
nttgnnggaca	aantgaaagg	acttgtgttg	ctnggcnnna	aaanagggng	gggggtgggg	780
natttttaan	aatcctt					797

<210> 4215

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4215

ggnnnnnnng	nnngttcna	atgcttggca	atcgntntnt	nggggnncn	tcgagacgct	60
ggctccttta	tcagatatta	ctggatcatc	acctgtgnag	gctntntggt	taatgatnnn	120
nancatttga	atggcaacag	ntgcgnatgn	atcctgccta	naancacn	tactcgntan	180
nnannttgg	gtgtgcntgc	ntctantnnn	cnaatcctg	tgacacacac	ggaatttnan	240

tagaancagt	acagnnnctt	angcagnata	aaccatcctg	nggnnanana	tgacacnctg	300
cnngacntat	tnnnnnncna	nnntnatggt	gntgggncn	gnaaaggnc	tgaaacangt	360
cgtatgnncn	tnacanggca	ccngccta	atgctactgt	gtnaacncag	gnnatgagct	420
gcagcnttgc	ctnncttacn	antgctcact	gggtgtgaag	gacctgcttg	tgaggtnnt	480
gttngccttt	tnctggactn	annntaancc	nnnacnaang	ccngcattgt	tcattaccan	540
tngccttntg	aantntnana	gnagatgnca	ttgggacnaa	tnggacagtn	taaanganna	600
ccgcttngat	ggagnggacn	ngaategttt	cttacntcan	ggggccactt	tattaanatg	660
ggngaacttn	ncacntnnng	ctcctangen	cttccaaggt	naccttnggg	nnccnntggg	720
gaatttaaac	aantncacaa	nggtggtctg	aaaatcttcn	nnngggactt	aattnaaaga	780
aattnatcg	gggttttccn	gggggttcac	ccangangtn	ttnaactttc	ncannccna	840
nnntnt						846

<210> 4216

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4216

gngnnnnnnn	tttгнаacnt	tgctaagtct	ggctactcgt	tctttntgca	ggcatcccat	60
cgattcgaat	ttcggcacga	ggttggtacca	ataaagtttg	caacctacag	caatagccag	120
tcaataaagg	aaatgatgct	gatgtagcat	ttatgagcct	taaaaaacia	acaaaaaacc	180
ttaagatggt	aaatttatct	caaggattct	ttttttttgt	tgtacatgaa	tgttcatatc	240
aggttttatt	gtaatagcca	aaacagtata	cacctgaatg	cccaccaaca	agtgactaga	300
taagcaaagt	acggtacatg	gatatgatgg	actacctcag	agcaataaaa	aagaatggac	360
tattgataca	tgctacaaca	tggtgatctc	tcaaaggaat	gacgttgagt	tcagaaagca	420
agacaaaaaa	gtacattcta	tatgattcca	ttaatatata	ggaatatatt	atattcaagg	480
aatagtatat	aaatatataa	gaatatctta	tattcaagga	atataaatga	atataaatga	540
tataaagcag	atcagtgatt	gccaggagat	gaggtggaga	agtagagagg	ggaggaaaga	600
agggtattact	aaaggacatg	aagaaacttt	tggggataat	gtttatgttc	actattttga	660
ttgggctgat	ggtttttacat	atgtatacat	atatcaaaat	gtatcaatct	ttatactatt	720
aaatatgtgc	agttttggtg	taagtcaatt	atacctcaat	gaaacctcat	taaaaattac	780
catattttgg	gggatctaaa	aaaaaaagnc	ttntagaact	tanntgagtc	gtnttccgtn	840
gattccagac	attgataant					860

<210> 4217

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (714)

<223> n = A,T,C or G

<400> 4217

gnnnnnttgn	tcnaaagccn	ggnaaaggaa	ctcttgnaac	ncccnngca	ggatcccatc	60
gattcgggtt	tgcccttttt	tagcctccca	gagcttcgag	gactcaattt	taaccgaaa	120
tcctgccgng	ggggaggggt	tgctgcgaga	cctgggcccg	gggaggttct	cctgcgtcac	180
tttctgtcct	gaaaggcgcc	cttcctgggt	tctgtggctc	caattttcta	tgagcccca	240
caccccttgt	tgttttgatc	ctgagaaata	aaagggaggc	tgaattatc	aaatttaaat	300
gaggtttccc	cttcattgaa	gtgctgctga	cccttcgtgc	agaaatgggg	agcacttgag	360

gacacaggtg	ggtggaggcc	ctttgtgcgt	ggctggtcgt	attcgggcag	ccctccgtcg	420
ctttttataa	aactttngt	gagaagaata	tattgataat	gtcagtga	caagcagaca	480
ttgaaatgga	ggcacagatt	actccacaag	gagttcttct	gtatatattt	tctagatgca	540
aatccnttta	atatgnaatt	aatgtaagnt	ttctagctta	tatcgaactg	ggngngggcac	600
gggggacact	gtactggata	agntgggcan	acatcctgag	nncgaatgcc	tgaccacgga	660
aaatatanaa	tttattgctt	taaaaaaaaa	aaccacctna	cangggcgna	cnac	714

<210> 4218

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4218

gnnnnnnnnnt	tttnnaacttg	caatcgctgg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	ggctagctat	attagctggg	gttcccccca	aaagcaacat	120
tggagaagga	ctcatgggca	gatactttct	tctggaaaat	gatcccgtag	gatatgggta	180
gaaaaagaaa	ttgggaccag	aaagaatgaa	acaggaaaaga	aagaaagcct	attgaaggat	240
ataaaatttc	tgtaaacaac	tggagcttag	tcccactgag	gccccctgag	gaactgcgca	300
gaatgtaaga	cagaggagga	aatatcttagc	caccagttcc	tatctcccat	tggccaactt	360
gatgctgagt	tcaggagtgg	tggctcacac	ctgtaatctc	agcatttttg	gaggccaagg	420
tgggtggatc	gcttgagcct	cagagttcaa	ggccagccta	agcaacatag	caagaccca	480
tctctacaaa	agaaaaattt	aaaaattggc	tatggaaagta	tgaaggtata	tgcctgtagt	540
tccagttact	caagaggctg	aagcaggagg	attgcatgaa	cccctgaact	caagactgca	600
gtgaactata	actgaacgat	ggcactgcag	cctgagcaac	agagcaaaac	tcttgtctca	660
aaaaaaaaaa	aaaaaaactc	gaggcctcta	gaactatagt	gagtcgtatt	acgtagatcc	720
agacatgata	agatccattg	atgagtttgg	acaaaccaca	actngaattgc	agtgaaaaaa	780
atgctttatt	tgngaaattt	gnngatgcta	ttgctttatt	tngtaancnt	ttttaagctg	840
caattaaac						849

<210> 4219

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4219

gnnnnnnntnn	naaancagct	ctngtttnna	aaanantgct	acttgttctt	tttgcaggat	60
cccatcgatt	cgaattcggc	acgagaacaa	ctccctacgt	cctgtgtggg	gccctgcccc	120
agtggatgag	gcattccttg	aggagtatca	ttttccctga	caatcccat	cacctttagg	180
ggttccctgc	ttggctcctt	tccagctgaa	aaactagacc	tgtgccattg	gggaagctgg	240
acaaagtcta	gggggcccgc	ctggtagagg	gtcccgggaa	gctggatctg	tcagcctcgg	300
ccctgaggcc	cctgttaact	caagactgtg	agctgcctct	aggtggtcac	gtctggggagc	360
tagcttgat	ggcttctgac	cagtatcagg	atttctgttc	tgagagcagc	gtgggcagcc	420
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	480
ttggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	540
ctattgcttt	atttgaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	600
ttcattttat	gtttcagggt	cagggggagg	tgtggggang	ttttttaatt	cgcgggccgc	660

ggcgccaatg	cattggggccc	ggtacccaac	ttttgttncc	nttaatgagg	ggttaattgc	720
ccccttgggg	gaaaanatgg	gcatagnttg	tttccttggg	ggaaaatggt	attcccttca	780
cnaattccac	acac					794

<210> 4220

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4220

atanagctat	tggtcttttt	gcaggatccc	atcgattcgc	gcccctgcat	gatggcagcc	60
gcactcctgc	ccagagtggg	gcctggggacc	ccaacaaccc	caacacgccg	tcacgggtcaa	120
cccacaatac	aaccgcgaga	cgccagggac	gccggccatg	tacaacacag	accagttctc	180
tccttatgct	gccccctccc	cacaagggtc	ctaccagccc	agccccagcc	cccagagcta	240
ccaccaggtg	gcgccaagcc	cagcaggcta	ccagaatacc	caactccccag	ccagctacca	300
ccctacaccg	tcgcccattg	cctatcaggc	tagccccagc	ccgagccccg	ttggctacag	360
tcctatgaca	cctggagctc	cctccccctg	tggtctaac	ccacacacgc	caggctcagg	420
catcgagcan	aactccagcg	actgggtaac	caactgacntt	caggggaagg	ngcgggacac	480
ntacctgnat	acacaggggg	gngggacaaa	acaggtgtta	tccnnnagtt	gncacnggta	540
cngtgggggg	ccaagngtgg	gnngnntgaa	acagntnttt	ttttttnttt	gnttnccccc	600
ttaaaattgg	ganaananna	cccttttncc	caaaaatggg	nganaacccc	aaaantnggg	660
caaaaaactt	ggggatttgg	gggaaaaccc	ttaaaanggg	caagggggga	gcntttnttg	720
aaacccccaa	ngnggggnt	ntttacctg	gatttaancg	ggggaaatna	agggangggc	780
tttccttttg	ggaaagggan	aaaattttgn	gccccaaaac	cttgt		825

<210> 4221

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (819)

<223> n = A,T,C or G

<400> 4221

cgnnnnnttg	ttgaaanagc	naggctactn	gttctttttg	caggatccca	tcgattcggt	60
ttcttgagct	tactatgctg	tccttcctat	cactacctgt	tggtgaggt	agtgataggc	120
ctaaatgatt	cattatctta	aatgtactaa	atatgttgag	taattttttc	ttctaaacta	180
acagaaagag	agaacctagg	agttactccc	ttaggctggt	taaagtgaag	ggtagccaag	240
tcaacccagc	ttgtttcctt	ctctcattag	gaaagaacta	ttgttcattc	tcataacaca	300
ctttttccaa	ttgcaaacat	actcagggtt	aaaatagttt	agcacaattt	gcagccattt	360
tcatttggtc	ttcacaagct	ggaacttttc	ttgtaagcta	aatattaaat	ggttcaagta	420
aattggatac	ataagcctga	aactaggcgt	ttctcattat	acatagagta	taaattaaga	480
cagacttttt	catggtgaaa	ggtttacagc	ctttaaaca	tctgggaaga	agtgggaaag	540
tagggaataa	ctctgttaaa	tatgataaaa	gacaaaagc	caacaaaggc	ctagttctaa	600
acttggtata	atttctcatg	gggaagtttg	ngggttgtca	caagggttatg	ggcggtccca	660
agcaagtta	ccaatatttt	tttagaaata	atnacctccc	cagaaaatat	ttttnaaaaa	720
taagggaccc	tttcntttta	atatggnaaa	ananaanaaa	ananaannnn	nnntnnnnnn	780
nnnnnnnnnn	nnntnnnnnn	nnntnnnttt	ctnnnnnnct			819

<210> 4222
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 4222

naataaccagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaagg	60
ccttaggctt	tttttttgta	gggtgagagt	gggggagaga	tctcttgctc	tggtgcccag	120
gctggctccc	agctcctggc	ctccggcagt	cctcccacct	cagcctccca	gagtactagg	180
attatgggca	tgagccacca	cacctagcca	ggctttttat	attgagttgg	ttatatatgc	240
ttcatagcca	cactttataa	tattggagta	tagtattaaa	ttacagcttg	ttgtcaagtc	300
agtgtttctg	taagacagta	tatccaatat	tggttagagt	aacacctatt	tggtgataca	360
gatcaacagg	gtgtctctga	ttaatttagc	tcctacatag	ccagaagcaa	gttcattatg	420
atttagaata	ttgtacatgg	ttatgcagga	atcatcccaa	cctatctgtg	tttataggtc	480
agatgatgtt	cagttttatat	ctgctgatag	tgtatatgca	ggaaaaccta	taaaaccact	540
tcagacttgt	taaaacagtg	agaaagccgt	gattgaaata	ttaatacaac	ccgtgtggta	600
taaatttcat	ttacantggg	aatgtaaatg	ctgtcatttg	aatcttgnca	aagcctgcta	660
ctaaaactct	taaaancctt	gctaggggaa	taagtcctta	ntnccaaaaa	caatatanan	720
ggggatgtgn	gtggataata	caaggacaac	catatgttgg	tggcnt		766

<210> 4223
 <211> 873
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(873)
 <223> n = A,T,C or G

<400> 4223

gnagnntnnn	nntttgnaac	nctggctact	ngttcttttt	gcaggatccc	atcgattcgn	60
attntgaaca	agctgtntcg	tgtgtacagt	tgctgctgtg	attgagccag	cagtgccctg	120
ncctgccctg	canngtctgc	acagctccca	ctgcttctat	nngntgttgg	gcncgtgagg	180
catgacttgg	angggggcct	ggtgcctgag	gacctgctga	agagaatgct	caccaccagc	240
tctntgntnc	cctttctgct	ttggnaatca	acacgtgtnt	gcctgcagtg	gccnggaccg	300
tgactgtttc	tgcccttggtg	cctagttaan	agccttcaaa	agcataatga	acactttnga	360
tatgatattg	gaacttttagt	aaatgcttta	cttccctcta	attgcccnca	aatgccttaa	420
tnttgtggac	tgttttatttc	aacagggtgga	agtgttggtc	ntgcgaaatc	ttggtnttcg	480
catttcaaga	agggagtgtc	ttattanttc	ttctttctat	ggaacgtttc	aagtgattgg	540
atntaaagaa	gggctctgaa	gcaggagttn	ncacctgctc	tgagggaact	tggggctcca	600
gggacgtacc	ccaaatgtgc	gcccagnttt	gaaactccct	gacagcctgn	tactacntag	660
tgggctcgag	ggtttncann	atgaagaaga	gttgtncccc	taaaagtggg	tgaaaccctg	720
tggctttcaa	agcaaaggta	cccnttgctc	cancattntt	nncggnnagg	aggggnctca	780
ttggaaaacn	tgtngggcaa	ncctgntggg	ttttggctcc	ccctgntngt	nacaatnggg	840
accttntttt	gaacngtnng	gaangggcta	nnt			873

<210> 4224
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 4224

caaancagct	ttcngacccc	ttcggaccca	tcgattcggt	gctctatgtg	atgtttatta	60
tcaaatacat	ataattttga	agattttta	gaatgnntta	agatttttatc	tttgtgtaga	120
atgtgggctaa	agaaacctta	gttgagattc	aagaagttgg	tgtctgtttc	tgattccttat	180
cacaacttgc	tacttagtgt	ctaccaagtc	ctccacctct	ttgctcctca	aagagctgtg	240
aaaaatgatg	gcaggagccg	gtacaacacc	acagacttag	agaagggcac	agtgtgtgctt	300
tattgaatga	tctaccaagg	taaaattttg	ccgggtcaag	aaatagcaat	ttaatccatt	360
taaaggaatg	aatataat	gaaacattaa	cttattttcaa	gactaacatc	tcaaagtgtt	420
gagacctttt	ttaaaagagc	tttctggatt	ttgagcatac	tttactggc	tgtgatttat	480
aagaatttgt	ggtttgngga	gtactgccta	aatgccaggg	taaaataagg	cagncccatg	540
ccttacctgc	cctgggctca	nggcctcaca	tccttttggg	acgcacatct	tttctcttct	600
cccttgntct	gctctcccg	agcatatacc	tcctagcccc	cagagcaaan	nnnnanaaaa	660
nnannngnnn	cnnnnannnn	ttnnnnnccn	annnnnnnnn	nngannnnnn	naaaaacnnn	720
ngcctttnaa	ananatnggg	gggnccnnnt	nccgnnaacc	cccacnnngt	nanaan	776

<210> 4225
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (869)
 <223> n = A,T,C or G

<400> 4225

gagtnnnmnt	tttgnacct	tgctaattgct	ggctactcgn	tctntctgca	ggatcccatc	60
gattcgaatt	cggcacgaga	gcagattcag	tgctgatgag	agcctgcttc	ctgcttcata	120
gatgatagaa	gtgcaaagcc	agctgtctgg	gcctttttta	tgatactgat	cccatctcatg	180
aatgctctgc	cctcatgatc	atttcaattc	ccaaaggccc	cacctcctaa	tattatcaca	240
gtgataattg	ggttttcaac	acatgaattt	gagagaaaca	cattcagttc	ctagcatttag	300
cttgcttata	tttatttcat	ctcattctct	ctcatagctt	ttatttttgt	ttccccgtgc	360
caatttatta	tagttttttg	tctttttata	acttttaacc	atcttttaaa	tttctcttat	420
ttatttctct	ttttactgtt	gagttacaac	tctcggctta	ttcagtggca	aagcaggaag	480
agatggcact	gaggcatctt	gatcctgaag	gatcttttaa	ttcctcttag	cagtcttaac	540
attttttcca	tcagccccgt	ctatagtttg	aatgtttgtg	ttctctttaa	aatccatgtt	600
gaaacttgat	ctccaatatg	acagtggtaa	gaggtagggc	cttatatttg	agagcactac	660
agggtgagta	cactcaataa	taatgnattg	gatattttaa	ataactaaaa	ttgtataatt	720
ggaaatggtc	cctaacccca	aaggaaatgg	ataaatgctt	gggggttgat	ggataccccc	780
aattaccctt	tatggngant	catttacata	ttnaaatgnc	ttggatcaaa	accattcacc	840
ancattcccc	accattaaat	gntntnnn				869

<210> 4226
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 4226

tnaaaataca	ggctacttgt	tctttttgca	gggatcccat	cgattcgaat	tcggcacgag	60
agggacaagg	ctataaatat	cattaatacc	aggttcagga	gtttgactg	cactaaaaat	120
caactcagct	atttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	180
cactttttaga	gaggcttttc	tgagtagtc	aggggttaca	cctgttaacc	agccataatt	240
ttttttttaa	gcggctgtgc	tgaggatgag	ccccatgtag	ttggtgcagg	tggggacaca	300
ctgcctgtgt	aactagaaaa	actaggcatg	gccgggcacg	gtggctcaca	cctgtaatcc	360
cagcactttg	ggaggtcaag	gggggaggaa	cacttgaggc	cagagacaat	ataatatata	420
atataatata	ttgaccagcc	tggacaatat	aataagagcc	tctctgtaca	atttaaaaac	480
taaaagcctg	gggtggtggc	acatacctgt	agtcctggct	acttgggagg	ctgtggcagg	540
tggattgctt	gaacctagga	gttcaatgct	gtagttagct	aggatcgtgc	cactgcattc	600
cacctgggtt	ggagtaagac	cctgtacaca	cacacacaca	cacaaaacaa	tgcacaatgt	660
gcatcaaaag	ggaagcgaat	aggctctgta	gtaggtggca	aaaggtggtg	gtctgggaaa	720
caaggccacc	tgtggtgtgg	ggtgggaaaa	tgtttaaac	ctt		763

<210> 4227

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 4227

gnnnnnnnnn	tttnnaactt	ttcaaatac	ngctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gccgctgctt	ctttcccgag	cttggaactt	cgttatccgc	120
gatgcgtttc	ctggcagcta	cattcctgct	cctggcgctc	agcaccgctg	cccatggcat	180
cctgatgggc	gtcccagttc	cctttcccat	tcttgagcct	gatggttgta	agagtgggaat	240
taactgccct	atccaaaaag	acaagaccta	tagctacctg	aataaactac	cagtgaanaag	300
cgaatatccc	tctataaaac	tgggtggtgga	gtggcaactt	caggatgaca	aaaaccaaag	360
tctcttctgc	tgggaaatcc	cagtacagat	cgtttctcat	ctctaagtgc	ctcattgagt	420
tcggtgcatc	tggccaatga	gtctgctgag	actcttgaca	gcacctccag	ctctgctgct	480
tcaacaacag	tgacttgctc	tccaatggta	tccagtgatt	cgttgaagag	gaggtgctct	540
gtagcagaaa	ctgagctccg	ggtggctggt	tctcagtgg	tgtctcatgt	ctctttttct	600
gtcttaggtg	gtttcattaa	atgcagcact	tggtttagcag	atgtttaatt	tttttttaac	660
aacattaact	tgtggcctct	ttctacacct	ggaaatttac	tcttggaata	aataaaaaact	720
cgtttgnctt	ggcttctgca	aaaaaaaaa	annnnnnnnn	nnnnnnnnnn	nnnnnnnana	780
aaaaaaaaact	nngagccctn	tanaactntt	nggggggccc	nnnttacctt	anaatcccgn	840
accttggtg	angnatnccn	tttnt				865

<210> 4228

<211> 1228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1228)

<223> n = A,T,C or G

<400> 4228

ggccngtncc	cettattgga	acctttctaa	tgctggtnta	ntccangtac	cnntcgtacc	60
cacgattcga	attnggcacg	aggctccacc	cagttctccc	agttcntnat	ggacgactcg	120
ctactgctgg	cctngggggg	gttctctggg	ccgcacaact	cctnatccgg	cgagattgct	180

gtcatcagcc	tanactcctt	cgcgctgctg	tcccgentgc	ggaacaagnc	ctatgacgng	240
tttggtgtt	ggctcaccen	ngaccagcct	catcttnngg	aacctgcacc	gnattgnana	300
tatnacctnc	tgctntgtgc	tgngcttaa	cnttgnctan	aacnatgtgg	agtnngagaa	360
cgtcaacgng	gtgaagcngg	ctgnttaaga	tccanaacct	caatgncngc	nncgtccgca	420
cggatgaggt	ggcccgctg	cancgnttc	nacagtccctg	anttaaaaca	gttnngccta	480
ccnnncaaan	ancnatncat	antnctnatn	tctnttnttt	ncttcnaann	tnncatctcn	540
ntacttanaa	tttctcttnc	naancntttt	cntnntttnn	tnntancntn	ttctnnctcc	600
tcccnntct	ctatcntgan	nttcanntan	tcttnnnnta	ctacattctt	canttcatan	660
tcnctcanan	ttnnnctcnt	annntncatt	atccttncta	ncnnanactc	ttatcacent	720
cgcanaacanc	tantnnctnt	tcacncnate	ttctaataana	catncctcct	ctcgencatc	780
tctnacnctg	taacntctat	atntnnttcn	ctgcatnctn	aataatata	ntacactcan	840
nacaananna	canacaccnc	tcatnttcat	acttntnaaa	nctccnctcc	tcatntnttc	900
tcgtcttnta	catactcaac	tactctatat	ancgtngaen	cnggnnatct	ctncgaannt	960
tctcnctcac	ttnagtcacn	attntatcac	tntcacttca	tntcncgtct	ccntctaaca	1020
nnccattac	cntcantngt	gntnttnnct	cnetcaactn	ctntacatca	tnnactnntc	1080
tantcatgct	nanatatang	tcncttcana	tacnncgnta	ncccnngnat	nttntctcan	1140
aaccacnnt	ctatntttat	tttcgtacac	tgcaatcnca	taatcttcgg	catcnttcca	1200
tecgncatct	ncnnnnnata	tcanntnt				1228

<210> 4229

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(920)

<223> n = A,T,C or G

<400> 4229

gngnnnnnnnt	ttgnaacttg	ctaagtctgg	ctactngttc	tttttgcagg	acccatcgat	60
tcgccaacat	ggtggtctca	aactccccac	ctcaggtaat	ccacctgcct	cagcctccaa	120
aagttctggg	attgcaggag	taagccacca	caccgcctct	cagtgcctgg	acttctgcag	180
tggacttctt	ttaaaaatcc	tggaaatatac	actgcagtag	aagaacaaag	catacttcag	240
tcgtttaagg	ctgaggtatg	ctttgttctt	ttactgcagt	gtatattcca	gccttaaacy	300
actgaagaag	aatgtcaagt	ggggaagtgg	ctttggtttt	cagtttgtgg	gttctgaatc	360
cacacaaaga	caggattgct	ttctgaaaac	ctgaattaat	tattgtcctt	acctcaataa	420
gacaaaaaat	tagaatcaaa	atcgtagta	ttacagtcac	agatatcacc	aagattagtt	480
tggtgttata	gccatatact	ggaacttctt	tcgtgagcta	aaaaaaanaa	nanaaaaaaa	540
nctngagcct	ntagaactat	agtgagtccg	tattacgtag	atccagacat	gatnngnatn	600
cattgatgaa	ntttggacaa	accncaact	tngaaatgca	tttgnaaaaa	aaatgcttaa	660
tttgngaaa	atttnnggga	ancnttatng	gctttcantt	tngnnanccn	nttntnnntn	720
cnnngccttt	anaccnangn	ttanctacca	accnaattng	nnattnnatt	ttnnantggg	780
ntnnaagggt	ttnaangggg	ggnaangnt	tnggnaagg	ttttntnaaa	nttnnnncgg	840
gccnnnnntn	ccnaantnca	nttnggncnc	cnngccnccc	anantttttt	gncccnttn	900
tatngagngg	gtnaannct					920

<210> 4230

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4230

```

gnnnnnttta annnnnnnnnn ttttnaanat acaggctctt gttctttttg cagggatccc      60
atcgattcga attcggcacg aggtgattcc tatttcaata tgtgaaacac ttaaccaaag      120
aatatatttc gatgaatctt aaacttgcc taaaaacaga agaggttaaa aagaatttag      180
aaaaaataaa gtttttagagt gtttgagaat gtgtatataa aatattttca aagccataat      240
atggatgctc ttatggctca gaagcatgcc tactagaaca cgtctcggaa tgagagatgt      300
ttaattctgt cacctcccag aaagttttgc agggtttctc acttgaattt gcttcccttt      360
gcaacctctt gtccctgaag ccccttccc acctggaaat gctgaggcat ggggtgtgata      420
agaatcagtc attttgaaga gaataagatg atgactttat taacatttcc atatatgctg      480
attgtgtgtg tggcggggtg ggggctgggg tggaggctta aggcaaaagc tagaattagt      540
catatgaatt atgggcttgt ttggagaccc acctgaggct canccctagc cctcacccac      600
ctggggagtt tactacctgg gggcccccct tgnccatgcc tccacttcca aaacaattca      660
attgcttttt ttttgggtnc caaaataaaa cctcagcnt agcttcttgc cnannnnaaa      720
annnnnnnnn nnnnnnaaac tcganccctn taaaaactat aagtgaggtc gggtttaccg      780
tagatnccna accttgataa gaaaacattg      810

```

<210> 4231

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4231

```

gnnnnntttt caaatacnng gcctcgtgct tttgcaggat cccatcgatt cgaattcggc      60
acgagagtca ttacaagtta ggatcctggg taaatggcaa cctccacctc ccaggttcaa      120
gcagttctcc tgccctcagtc cccacatag ctgggactac aggggcacac cagctaattt      180
ttgtattttc agtagagttg gggttttacc atgttgacca agctggtctc aaactcctgg      240
cctcaagtga tccgcccacc ttgacctctc aaagtgctgg gattacaggc atgagccatc      300
acgcccggcc acgctgttggt ttcttaatga cacagcttaa ctttattgtg aaaagattgc      360
agcaacaaat gagattttac ctgtatttgt taaaaatgct tatccttgct taagactggc      420
aacataagca gttcttaggc ttctatgcc aatggacacta ggcagtaata catgtgcagt      480
gctaatagaa aatattggag taaggggtga ctaaggaagt tctcaatctt tccccttcac      540
tatcttctgt aatgtaactt caataaatgt gattctcatc ttggcacaaa attgggaaaa      600
aaaaaannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntcnggcct ntaaaacttt      660
aggggggctn tttttccntn naccnncnc cttganaang aancnntng gnnngngntt      720
ngggcccanc ccccaacntg gaatngnng ngaaaaaaa aggnnttttt tnggnaaaat      780
tngggngngg ctttngnntt ttttttman      810

```

<210> 4232

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4232

```

caaatcnng ctactngttc tttttgcagg atcccatcga ttcgaattcg gcacgaggtc      60
atgcccggct aatttttgta tttttgtaga tacagggttt naccatgttg gccaggctgg      120
tcttgaactc ctgacctcag gtgatcccc gcctcggcct cccaaagtgc tgggattaca      180

```

```

ggcgtgagcc actgtgacgg gccttacatg caatTTTTat ttatagccag tattagagaa      240
ttactaggaa atttcatttt tatatttagt gggagaaagc catctacagc atgtcttcaa      300
gcatggacta tctgtaacat acagtgtgct tgcttttgaa ttgnttgant gttaaatggc      360
cgtaactgat tgnattttcg ttaattgtta atanataaac cagatgttct gaaatctgtt      420
cttaaagcag ntgcctctca tgggtgnttt gcctncctgc ttctgagcct cttgggntta      480
ctggagagta caggtcataa agagacctga actcttggtg tatcaaccat tatgtcatcc      540
tctnactgcc aacattttta aacagactga ggtntgcctt tcgtaanaaa catntactta      600
catattgcca ttccttggn taccctgggg aaagcccnaa tcgttnttag gacttnanan      660
ggaganacac aggtctnttg aaanggatgc cgggggctta atnaaataaa aaacttttgg      720
ntcaataana agtctggnat taaaaacaan attaattcaa catttntggn agaagggnacc      780
ttggggcngg gaat

```

<210> 4233

<211> 927

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (927)

<223> n = A,T,C or G

<400> 4233

```

nntggggntt tcnnnncntg ggatactntc tctctgnagg ngncgatggg attcgaattc      60
ggcacgaggg ggagnaagag gggtngtngg ttggaaggag gaattctcct ttaggggaaga      120
tgtctgggaa ggncntntctg agagagtggc ctttngaaag gagaccctaa ttggntgacg      180
gatgagaggg tgaaccatgt aagtatctgg ttggaaaaca ttncaagcgg ctncagangg      240
tntgtgcaaa ggcctnttga canggtcacc cnngnttaca tggecnccnt nagccagcct      300
nntaaagnaa agggtnntcat naacaaattg cnaaaancct nnnnaggttn gncanaggag      360
ggagaggcnn tggaatgttt tgctngaata gggttagtag tgccccnca tgattgacca      420
gttccccctc tcnanaatgt tncctnactg ncgaggttt atgtagnggg ggnctgccnt      480
cccatanttn gncctctctn tancttggn cttgggnttg gatgaangtn catccganna      540
cancttttta nagttgccc nctgtctcna ttnacnna tn acccccnncg aaactttgtc      600
tcccnancac cccaaggatt tcccttnggg tatcgnccnc anaanaaagc aannngtngg      660
atcaaaantaa tgggcnccca ncantttttg aattatncta cncctgnaga ctcccnttca      720
nttngcnttt taaaaanccn cttttntnn cgggntnggg tgcaantnnc tcttnaaatt      780
ctaaacnnat cttgnnnacc ccncctaaa cntggnnnng gnccctaan ctttccnact      840
tcaacaaaan ngtgaanttg catattatct tncatttttg ntctntaang acccnaatgc      900
nngngntat nannncanan nncnnncn

```

<210> 4234

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4234

```

ggnnnnnnng nnngttnana cccccnnnnn ttttcaaant ctaggtact cgttcttttt      60
gcagggatcc catcgattcg aattcggcac gaggtttagt cttgtagctg tatagcattc      120
cattgtataa cttataattt atttatgggt tgtactattg atgaacattt gagtagtctt      180
cagtttgtaa ctaccacata tgggtgctgt atgaatactt ttgcacaggt atgtgaacac      240
atgtacacat tgcagttggt atatatacag tactgaatta ctggcttata aatatcatta      300

```

```

aatttttaaaa acaaaatttaa ttgccacaag catattattg tatctttgaa ttttaaacca 360
aattaaaaaat tctatgagtt gttgaatatt ataattgtac tattaagttt aaattgtctg 420
tgactatagc tataagacga tgcccatggt actttgaatg gcaacactag caaaataata 480
ttctaaggaa gagggacang ttttggggga caactancan tgtctgtagc ataatataga 540
ctacaaattg attactatat caccatgaa ttttagctcag actcaaacac aaatttantt 600
tctttaaaaa atagaaagtc catttatntt taaatggggc ctgattttcn nanaaaaaac 660
nnaaaannan aaaaanccgn ccctttaaaa ctatagggga gtncgttttn cttnaatcca 720
gaacttgata ananacattg ttgagtttng gccaaaccac aactagnatn gcantgaaaa 780
aaaatgcttt tttttgggaa atttgggat 809

```

<210> 4235

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(853)

<223> n = A,T,C or G

<400> 4235

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agngtnnnnn ttttctaacg ntggntactc gntctttttg caggatccca tcgattcggc 60
acaattggta ttcaaaccga agtctgtttg actcccaaac ccatactttg aacctgaagt 120
ctgtactgct gaaagtttct ccttattgaa gaattttatat tttgcattaa tttatgtctt 180
cagaattata caaagtattg ggccacacca aatttgagtc tggatatagta gccttcttgt 240
aaaaaattat atcatataac atttttatga ctgtgaagac ctcttaattc ttcaggaagg 300
agggcccttt ttcaaatacag acatcctggg gtttttactg accttatttc attctctgaa 360
gaatgaagga atttcccact ttgtagtaag tcatggaatg tatagcattc cttctatagt 420
tgaaccagat aaatattagc aagtctgttt agaatatgac actggaagtt ttttctgtc 480
tttttttaaa agagggtttt ggaattatag tcaatctgaa acttgggtctt actaataaag 540
aagtgaacc taagtgaact cccttgctcc ctgatggctc ttggtataag tctcacttaa 600
gtttctctga cgattttcag ggttnatttt tgtgagtgac ccaaggaacg gtgtattttg 660
atttgaaaac tgaatggntg gaggtgtgta ttggaagcaa tagtctgaat ctttttgggg 720
gtnatatact cttttttgaa gctgatgaaa gcttnggnaa acntccana aaataaaccc 780
ttaatecngc ncatnaaang gaannttngc atttcnnntt tnnngcngacc cngntnaata 840
tncaattntt nnn 853

```

<210> 4236

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4236

```

nnnnntttta agancagctc ttgttctttt tgcaggatcc catcgattcg cttgctcacc 60
ctcatttggt aaactgctac gttaaatgtt tcaggatatgt ctgattgacc tgggctgctt 120
ccgagaaatt gatgagctaa taaaaaagga aaccaaaggc aaagggtctt tggaagtact 180
caatctgaaa gatttgaaga aggagatgag aaatttgaat gacacccatc agtctcttca 240
cctctaaaac actaaagtgt tttcgtttcc aacagcactg tttcatgtct gtggtctgcc 300
aaataacttg tcaaaactatt tgacattttc tatctttgtg ttaacagtgg acacagcaag 360
gctttcctac ataagtataa taatgtggga atgatttggg ttttaattata aactggggctc 420
taaactctaa agcaaaattg aaactccagg atgcaaaatc cagagtggca ttttgctact 480

```

ctgtctcatg	ccttgatagc	tttccaaaat	gaaagttact	tgaggcagct	cttgtgggtg	540
aaaagttttt	tgtacagtag	agtaagatta	ttaggggtat	gtctatacga	caaaaggggg	600
gtctttctaa	aaaaagaaaa	catgagcttc	atttctactt	aatggaaactt	gtggctctgag	660
ggtcattatn	gnatcgtaat	ataaagcttg	gatgaatgtt	cctgattatc	ttgagaaacc	720
agatnttgaa	aaattgnggt	cgggccttaa	ataatttcgn	tggacatgct	gncataactt	780
aaaatat						787

<210> 4237

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 4237

nnnccgngtn	ttnaacncc	agngntttag	ccnagctatc	gntctttatg	cngganccca	60
tcgttcnaat	tccgcacgag	aaancatcaa	gggtggctgnt	tgnnagcant	gatgatgacg	120
aatctgattc	tnangatgac	agtaatacnt	naaaattnaa	ccncaanttn	ngggcngagc	180
tggacaanaa	ggttnttgaa	nactnaanat	anttagactt	ncctnntgtn	ctnatttttt	240
gacatagggtc	ctnaaatctg	gntnaangca	ggcgccctt	atcctacntt	atntcatcng	300
ggngtctant	aggagagtga	ganttntgtg	atccnntntg	attgggncan	nngtagatgg	360
aggcggtca	cataccaatg	ttggaatnta	agcagtgcgg	ggaggtntac	atnngcagtn	420
ctctccncaa	gctaattcnn	ggngcagggg	cnatnatnca	tgggtnttgt	ctgtctgtgg	480
aaacaatgna	tttangcnnc	ccnctggca	cnnctgacag	atcttcggat	gntgctcttg	540
tntctaaaaa	ctgggtgtcn	agangaacac	tgatgtatgt	anatgaaaaa	aaatnctngc	600
ttaggganng	nggaatcttg	ctgaagngaa	aaantnaaag	ncctngantt	tttttncaan	660
ggntntttgc	naaaataann	ttaaacgaat	tgtacnnaac	acntgaaacc	gtangntggg	720
ttttnanttt	ttnggggngn	tnaaannttt	ttggtccaan	nnnggcattg	nccttncccc	780
tttctatatt	aaaaaaggnt	tcggtancnc	aaaangaat			819

<210> 4238

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4238

gngngnaaca	cngaananag	aaaccnanna	aacggcncna	anancnggna	aanacangcn	60
ncggncncg	ncangaaccc	nttgcaacnn	ncctntangc	aganccccanc	ganncgngtc	120
ngnaangccn	gctgcntggg	aggccagggg	caggntaat	tcncntgana	nnnagancag	180
gnngaanan	nngccgggcn	gggnagaagn	nnaacggaca	atgncacatt	caaagcanga	240
nccacccana	nagcgnagca	nnggnngaag	ccagggaang	gacncnctgn	canttggaaa	300
actngggaag	ccngaaggan	cgagggggcc	tgccggncn	acaanagnag	ctcantngaa	360
gggacgttna	cncaannggg	acgcnagaac	gcggccaanc	aagatacgaa	aggggaaann	420
ccggnacgag	agcccngggg	nacggcncnc	ggaaanggct	agaaaaaaga	ataaaggggn	480
aanngatcgn	aggnatngag	ggccatnggg	ancacaggcn	caaaagnggc	cancaaagan	540
cacagnggaa	gngnccanag	nactnccggg	cgggagatca	gggggngata	aantgaataa	600
ccaaggccna	nggacncgaa	aaaaggngng	nccaaaaang	ggggncnanc	aaggggggag	660
cnnccaaaga	ggncaaaaana	aaatngccng	aggggcnaga	gaaaccnccc	ncagaaggan	720

gggggncaan	aaaatcnaac	cnnnngggnn	naaangnggg	gggggggaaa	gggacnntca	780
ccaaaggcnn	canaaaaann	ngaagggn	ccccccnnca	aaaangnaaa	aangggaaaa	840
accnntatnc	nagttcaggn	naaaaagtng	gggggaaaag	gccnnaaaan	aaattaaatt	900
naaggangaa	anccnnngag	annaaccccc	canggcaaat	ngggccaaac	atgggnncac	960
ncggggcnng	gggggcatng	ggcccccaaa	tnggnccccc	ccnaccgggn	aaaggggggc	1020
aaaaaaggan	cggggngana	aaaanggn	gcctcccata	gggcaaccat	ntgcacgggg	1080
gccnccncaa	attnggggnag	ggnaaanncn	aantcgcnca	ccaatgttaa	ngggaaaagc	1140
aaccggcaaa	agggccatnn	ggaangangc	cccnagnaaac	caaanagaca	ncaggntagt	1200
gaaccttcn	aangggaaat	aagatnccgg	naaaaggcaa	ggncgnaaag	aaagtngaaa	1260
nccgangnaa	ccngangana	aggcnnaana	ngggaancna	ttacannncn	aanaagnagg	1320
caangntgn	ggaaagaaa	atccaaagcc	cnngggngnc	agnatgccng	gnaaaantgg	1380
gaagntanna	ngancctgcc	aaaggcttng	gaaaaacnnc	c		1421

<210> 4239

<211> 864

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(864)

<223> n = A,T,C or G

<400> 4239

gnngtnnnnn	ntttncann	tnggctactt	gttctttttg	caggatccca	tcgattcgan	60
ntnncaggcc	ggggnccgtg	cattntngat	catnatcttn	ngntatgaat	nggaccttta	120
cagtcaactga	caggacaaca	acaggctgga	gtngngcccc	atnctgctgn	ngtgccttna	180
agaccacanc	cctnanaggc	tnctggctct	gctgtgcatn	gcccattgga	tgccganggg	240
ctnatnactc	anactagtac	ctcacntgat	cagatgncag	aatcaaccaa	atnntgcaga	300
tttcagtcng	ttgtgaagta	tttgctgcat	caacatgtag	aacgactaac	attcatgatg	360
aagccgagaa	acatncacaa	gtcctgncgg	ctnaaaaagc	ttatgatcct	gcacgntntc	420
tnatagtngg	ctaaacagat	ggtataaact	gacgaanaga	cagctgctac	tgctcctgcc	480
aatgtgagca	aaggcacaat	actacttgct	ccaggaccta	aacctgttcg	aagaagattg	540
taaattggaa	gatgaattta	ggccagaagt	ngatgaacat	acncaaaaana	cgggtgggct	600
tagctgctgn	nentgcatca	caacctnntn	ttnncagntc	tgctgggaac	gataaganng	660
tnntcangca	tcaattagn	gtaataagga	aaccngcanc	gatttngncc	aaatgggnata	720
gcctattgca	gggncnaatt	taaaggatgt	ncttnnngag	anaaattacc	tgggaagtgc	780
aactgggaac	aacntcnaac	cattntctna	cctataagcc	aantggccgt	taactgtgaa	840
catncttggg	ttttaaaann	gcnt				864

<210> 4240

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 4240

ntccttttga	ntacntntac	aagctacttg	ttcttttttg	aggatcccat	cgatttcgaat	60
tcggcacgag	atttcaacat	actgttgctc	aatcactctg	actcccccaa	tttctctttt	120
ttagaggaaa	gtattgtaca	gatgtatctt	gaagattata	atcttggttg	attattgcct	180
attctcactt	taggaataga	tggtgatagc	ttatgacttg	tggtgtataa	cgaggtagaa	240
atattgctgn	cttctctgac	atagcttctc	aaagagatca	ttaatgtatg	atatctaata	300

aaccatctaa	tgcattgtaac	agtgatcagc	aaattaataa	attagacctc	tattcatgct	360
taaattatca	aagctaatat	ttaaattgaga	tgttctatct	taattaaaaat	ttctggcacc	420
atcggttaatg	agacttagaa	tttcaactag	tgtattttagc	tcttactt		468

<210> 4241

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 4241

gtnnttnnnn	tttgantnca	aatacaagct	acttggttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acagaagacc	aagcgcattgc	ganccctcttt	caagcatcac	cagctccgga	120
ccatgaaatc	ctacttttgcc	atcaaccaca	acccggatgc	caaggacctc	aagcagcttg	180
cccagaaaaac	aggtctgacc	aaaagagttt	tgcaggggaga	acaaatcttg	gggcattaca	240
gccaaacatc	ccgacgtttg	aaaattccct	aaagtattaa	aagaagggga	aaagtttgat	300
cggaaatcca	ctgcagttaa	gacaaagaca	ctattaggtt	atgataatca	tacattaaaa	360
aattttattaa	gccaaaaaaa	agagagagag	agagacttaa	atgtcattta	ctgaatgtta	420
acgaaacttg	tgttctttat	ggtgtctaac	acaactgaag	gcctaaaatt	atgtgg	476

<210> 4242

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4242

gtnttttncn	aannngtggg	aactcgtctt	ntctgcagga	tcctctcgatt	cggaaatata	60
gngagatgtg	ggatgtgaat	gcccattgaa	gacatattat	tacacttgaa	tatattcttg	120
cttcaacttta	ccctncataa	natgntgtac	attagtgtctg	atcangttta	cagagntaca	180
tgggcgcttt	cctaaccatt	cagtnangaa	ttaaaatatg	gcattgtata	acaactggga	240
agaagctcat	agnggatata	aagtagagta	gataatgggt	caccttggat	agcctctgat	300
acattcttgt	atatgggcaa	aataatgatt	acctatacgt	gtattttaagc	ttaagcatca	360
tataaacagt	ctttttaanc	ttatggtaaa	ntnnatnata	tntaaaagct	gtgatctcta	420
ggnagtcctt	aagtnattag	tacnagnactt	naaaaagatt	tttaataggt	ccgncaccgg	480
tggntcatg	cctgtaatnc	cagcacttcn	ggaaggctng	angcaggccg	aatcacctga	540
aggctcnngga	anttcgagga	tcanaccttg	gccaaacatt	ggtgaaaacc	ccntgggtctt	600
aaacttaaaa	nnntttttaa	aaanntaagc	ccnggccntt	ggntgggnan	aggcgncctt	660
ggtaaaccn	aagctntcct	ttaggaaagg	cttgnaggcc	anggagnaaa	ttancnttgg	720
aanccnnaaa	gggggcanaa	annctttncn	gtctcngcnn	aagnaatcgc	antcaaatgg	780
naactntcan	accntaangg	ggaccaagna	ancncnnana	cnttnattct	tcaaaaaaaa	840
aaaaat						846

<210> 4243

<211> 789

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4243

tnananctgn	tncncttca	aatnctnggc	tactngttct	ttttgcagga	cccatcgatt	60
cggggaagagg	atgactgggt	atgctgtgcc	acccttgagg	gccatgaatc	cactgtgtgg	120
agcttggcct	ttgacccgag	tggccagcgc	ctggcgtctt	gtagtgatga	ccgtactgtg	180
cgtatctggc	gtcagtatct	accaggcaat	gaacaagggg	tggcatgcag	cggtcttgac	240
cccagttgga	aatgtatctg	tactttgtcc	ggcttccact	caaggaccat	ttatgacatt	300
gcttgggtgc	agctgacagg	ggctctggcc	acagcttgtg	gggatgacgc	gatccgcgtg	360
tttcaggagg	atcccaactc	ggatccacag	cagcccacct	tctccctgac	agcccacttg	420
catcaggccc	attcccagga	tgtcaactgt	gtggcctgga	acccaagga	gccagggcta	480
ctggcctcct	gcagtgatga	tggggagggtg	gccttctgga	agtatcaacg	gcctgaaagc	540
ctctgagcta	cctcgacttt	ggacagagta	atgacttccc	cagaaaacgt	catataagac	600
ttttaccagc	ccctgaanga	ccaagaggga	gccattcctt	tgaactttca	tttaactttg	660
gnttnacttc	tcttttaaaac	ttggggtaga	aantgcaaaa	gccncanaaa	attgcttttc	720
cnttcccccg	ccttttgaac	atgaaggnc	ttnaattaaa	agaagcttcc	cggaaccatt	780
naaaaaaaaa						789

<210> 4244
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4244

nttcctaatag	tttcggntcc	ttncctccgc	ttctaangct	tggcgtgcac	tccagcctac	60
atgacagagt	gagaccctgt	ctcaaaaataa	taatnataat	gaactgagac	tcanaaaaga	120
tgttttgttca	nggttacaaa	gtcagacag	gacagggcag	cattggaaac	caaaattgggt	180
ctgactccta	gctcatgctg	taaatcacgg	tgcaaggctt	ctactatcta	tgttgttcc	240
aaaagaatgt	ataaatgaaa	agatggttaa	catattaagc	aaaatatgtt	aaacgtcaaa	300
tgaactgtat	aaacgataaa	tgctggagag	ttgagggtggc	aaagaactca	tgcccagagg	360
gatctgggaa	ggcctcttga	caaggtggaa	ttatagctgg	tttttgaaga	atccgaaagt	420
gcttagattg	aaagggtgaga	catgtacagg	aatggtttct	aagatgtcat	attntatctc	480
tgctctcatc	ttgactggca	ctaataaaca	tcaaagattt	caacctaaat	acattgagtg	540
cccagtatgt	gaanggcctt	atztatgggtg	gttttaaaagc	tttttaacat	actttaaaag	600
aagggactgg	ttaatctnca	ctgnctagat	ccattagacc	ccggaccgga	tggccccang	660
ggcctttggg	aatggcgtgg	tgggacagtc	ttncactttt	gcacataccc	aagaaaagaa	720
tggncctttt	gggaattttg	cagacctaca	atctggagg			759

<210> 4245
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G


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<400> 4245
tcccccttgaa ancccntaac caggcttcnc angncaaacn ntttggaaaa nccaanacnn      60
aaaanaaaang gganggggnac nncngcacgn ngcaagagan tacacaganc ngacngnttt      120
taacgannat  cgnaaaaccc caaatggang gannttgagn cacntgcnaa agggcccaac      180
tgctcanttt  aaaaaagagc agngtccgac annngcaaag aaangcagan naagaggcaa      240
ggaccccaca  gaacacatan ctgaaaataa tncngaataa ntnnacaaca cgggtggggn      300
aattcaannng gacgnaagnn ngcatccntn ntccctnata ancctcaaat gnaatcggga      360
aggcaangnt  ggccacaatt ccacaaanca acgggattta ccatnannnc tncangattt      420
caccaggata  ccatantcaa ggagtgaaaa gaaaagtggg gaaattcaag gaacttggga      480
cccacnngn  nanacntta aaaatnaagg gactcntcaa gaaaaggga ccntnangag      540
tcnnaaaaaa  aggggaang aatggaang ggnccataaa ggccccnggn aaaagggatn      600
caagnaagaa  anaaaaatgc aanttanaaa ggactgggaa gaaagganaa naggnnncag      660
gcgaaaacag  ggcccatac ggaanccngg ngaaantaan tncngncnag aaaaccnnn      720
gcaaaaaggg  naantcgnnn nnacnnanta aaancccnnc aanggatngg caaanncn      780
aaagggntag  aaangncanc ngagcgagnt acacgnanaa aanncnata ananntaann      840
cc                                                    842

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<210> 4246
<211> 740
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

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```

<400> 4246
gnncccttnn ctntacanta caagctactt gttctttttg caggatccca tcgattcgta      60
tctgtctgtc ttgatcteta ttctagcttc tttttctgat tggccctctc ccctctcttc      120
tgtctgattg gctgtatcc ttccatcacc ccatctgtct gctggattct ccctgtctgc      180
ctgcagtaat gtatgtgata gcactttata aattataaag cactatgttg tataaaacac      240
cattatcact ttgtcttctt tcttacctta tttttctctc ctttatctgg ctccctctct      300
tctctctttc tctctctctc tgtttgcttg tctgcatccc ttttggtgat tttgctgcc      360
ttctctgtca gtcaatctcc attccctccc tgccagccta tttttctgcc atccctcttc      420
tctgtctgct cagttcttgc atctctctct ctgtgtttcc aggtttctct atatttcttt      480
tgctgtgtga gtctctctgt cgttaggcct tttatctatg cctgtgtgtc tcaactgtcta      540
nctgcttgtc tccctgcttg tcaactttcat tgtggggcat caagtctctg ccttctctctg      600
tctttcaagt acttcaaaaa ataaaaatta aataaaaaat taaatcctta tgataatggg      660
tacangagaa attttttgtt taatgagaag atataaggng agacaaagaa ctcaaaatta      720
ctgtgaaagc aatgaanaaa                                                    740

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<210> 4247
<211> 465
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

```

```

<400> 4247
agccttttgc nacnctttc aactacttgn ctttttgcag gatcccatcg attcgccaga      60
aagtgccttt acatttttgt cttggaacaa ctntgcaatt tcatcttgat ttaatatctc      120
tagtaataaa gcactcttcc actccacatt cttatctctg ggcagacatt ttattcttaa      180

```

gaattgtagt	gnttgatnag	aagctnaatg	gagatgatta	acgtgtcaat	gattaataat	240
tataacaaca	ttcaaact	tagaaattat	agnatttcat	canatgtctt	tttaaagagg	300
catttctggc	cagttgtggt	ggctgacctt	tgggaggctg	agacggctgg	atcacttgag	360
gtcaggagtt	cgaggtgaga	ctggccaaca	tgatgaaaac	ccttctctac	taaaaaaaaa	420
aaatacaaaa	attggccggg	catgatggca	ggcgctgtga	atccc		465

<210> 4248

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1070)

<223> n = A,T,C or G

<400> 4248

ggngggggn	tttttttnaa	annnnnnnncn	nttttttttg	ngaaaaaagt	ccccgccagg	60
gccttacctt	tgggtntnct	tttttttgg	ccaggggaat	ccccccaatn	cggnatttc	120
ccggaaaatt	tccggggcca	ccggaaggaa	aaaaccaa	tantnaaacc	ttcaaaaaat	180
gggccccttt	tentaacagg	gnacttaccc	aaaaagcctg	gtcctggtan	tcaagggttt	240
aatgggggtg	tttaaaaaatc	cataaaaattt	tctgggggaat	ccatggaatc	cttaaaaaacc	300
ttttaaatg	ggtttcccat	tttcttacnt	ttacttcntt	ttactaaaca	aaggtantcc	360
ctggaatggg	cctggaaaaa	atnccatggt	ttggnaaaat	tttggaaagg	tttttggaaa	420
ttttttccca	ggaatccaaa	aatanaggaa	aaaattttta	ttttttccaa	ttttttttta	480
aaggtacca	aaaaataatc	caagtttggt	antaaatcaa	ttgggtaaaa	aaaccattaa	540
aaaatttttg	gcttattaaa	aaaggaattt	tttaaaangg	gcctaatttt	ggaattttta	600
aaccatttta	atttacctta	aaaacctctt	tttggttan	gaaatttttt	tttaggaaa	660
atttcaagcc	attcggggaa	gggaanggaa	atggtggacc	attaaattaa	atgggatccg	720
aaaaggcccg	aaaagggttt	aaaaaagggt	tgggtggaatg	gcccncaca	atgggggttg	780
ggaanggggt	taattctaag	ctttcttaaa	gggactggaa	tgggtttggt	ccacaaagga	840
agtgggtccat	caaggtcata	aattngggt	aagacttaat	gggcttanaa	tttatggna	900
tttataccct	gatggtattg	gaattgagat	gaatatttta	tgaacaaaa	tggagccatt	960
gtgtaagaag	tatagtatta	aatataagtt	aaaacttgga	attttaaatc	cttggagtat	1020
gtnagccctt	caaagctctt	gangctgaag	gcccgatnt	ttgcagtggg		1070

<210> 4249

<211> 1336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1336)

<223> n = A,T,C or G

<400> 4249

aggnnngnnn	nnnnnnngnn	ngnnngnnnn	ngngnnngng	ngnnnnnggn	nnngngnnng	60
ggngngngnn	nnngnnnnnn	nngannnnng	gnnnnnngnn	nnnnnggnnn	nnnnngnnng	120
ngnnnnnnna	gangnnnnng	nngnncnnna	ngangggngg	nnngnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	gnngcngnt	angntgggaa	aaaanccccc	ntttttgggg	aagaaanann	240
ccccccnggn	ntnctttttt	tttggggcnn	gggggnaaan	cgccccaan	ccgggggaag	300
ggggcgggnn	aanatgtgnc	gggggncnaa	ccggnaagg	ggaangngga	nagnnnngng	360
ggannnnnnng	nnnggnnagg	ggnnnnnnng	ngnntttttt	ttntnnnaan	aggccnagnc	420
gangnnnggg	nnngggnngg	cngnnnnnaag	ggggnggggg	ggggggagnt	angggggcan	480
gnnnaggggg	gncantancn	nanggggggn	gngagaacgn	naaacaacac	agggncnngg	540

aangggaggng	gnnnagnnnng	nnngagnnac	gngggcgnnng	gngngnaang	ccnnncngggg	600
gcngggngan	gngnananca	nggggnanag	nagangggag	gnggggaaagg	gngggggccgg	660
aantgnnnga	gnggcaaggg	angnnnganc	ggagggangg	gggcgagagg	angagccnat	720
cgagnngggg	nagggngnac	aggaanggan	aagnangggg	gnaaggcgng	aancgaaggg	780
gggggnatga	ggaggagann	gngagngctg	gggggaaggg	ggnanngggg	gggggnngnn	840
gagnnngnna	gngggngggg	ggangangat	gggagcnaan	cgggtggaaa	aacggcgccn	900
caggnggggg	aggnanaaaa	gggccgggag	cggngcgngg	ggggaggngc	ggnggtgtan	960
gaggcaggna	aattganngg	gagacnnggn	gngcgngnga	gggnngaana	gngnnngaana	1020
naagacggaa	cnaagtggag	gaggggggnan	nnggcgcagg	agagngaggg	ngtanggnag	1080
anananangg	nnaggacngg	ngncgnggng	nngagtgagn	ggcgcgangg	agngngagggn	1140
gagcgnggan	ngagggngng	nacgggggatg	gggagngcng	ggggngnnnc	gcggggcggtg	1200
gggacnccng	gggggggggg	gggnnaagnn	ancnnggggg	ngnannagan	gangggngnn	1260
cgntgcnggn	gngggggggg	gagagnaang	agnacngggg	gggggnnacg	nnggggnnga	1320
gngcgagnnn	gcgcgg					1336

<210> 4250

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4250

tcngngagtg	gtatgtctcg	cntcnccgaa	nagcaggcgg	ngcgaattcg	gcacgagncn	60
aaaacttngn	aataanncac	tttcattnnt	tttctagatt	ttgtacatct	caggccatat	120
nagcaaagct	tgntgatagt	gnaggntnct	aaacgctgca	aatnngcagn	ctttaccact	180
acaaagaagt	ctggatgatg	gatnctctgc	tnttngtcaa	aatagttact	gctgctgtag	240
aaatttcatt	tttagattna	actgtgntgg	atgagctatc	ataattcaag	tatacattgt	300
cttagnctat	caaattattca	ttgtcatgca	gtagtagtna	aaacatcnna	gatgcagcaa	360
gcntattaag	anntatattac	taaaagaaaat	aggaggcatt	tacatcttta	ttattgtact	420
cnggggatatg	caaacnctnn	gatantataa	acagttatgt	cccctataaa	tcnggtcagc	480
aacctcnntt	gattatgctg	gggnaagtca	aatagtntgg	aagtaggtag	agtnctggnc	540
nacaagggtgn	ttcaaancctt	aannattngg	aacacngggg	nccaagggct	nnaatcntta	600
aaaggaaaac	tggggnttta	ntgcactnaa	accgtttntg	gngccntang	gttcnaaann	660
nccanaacct	tgaatnnant	gtggtanccc	ctgggncaaa	anaaangncg	ggnattancc	720
cactggnnng	gaanaacaat	tgcctaaata	aaggtncccc	caattgaatt	ccccnanaaa	780
nggcctnaaa	anggntcccc	tntttccaaa	gnaaant			817

<210> 4251

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1351)

<223> n = A,T,C or G

<400> 4251

ttggnggaaa	accctttttc	caangagntg	gganaaaacnc	cgatcgcccc	naangcgnnn	60
ggggcanaaa	gngcnatnca	gancgngnga	antnnagccn	ntttttannc	cccacnggca	120
ananangcng	annaaccngg	gnatnaanaa	nnggngcccn	nngncaaana	nnnanacncn	180
atggccnnga	angnncnacc	cttacnnaac	ncaatanccn	ncganancag	aannagntga	240

accnnnnnca	cntnacaaaa	nntctagann	nccgntcacn	caanaagncn	cnnggccann	300
acnnnacnc	nanncnancn	ncngcangga	ncncacnccc	cnncggnnc	canacnanca	360
ngacngacnn	aatantncag	annacncgag	cnntgacnta	annacncaan	tagcannngc	420
cnctcgngn	acncnnaact	ntngnngagc	ncnnagnnt	nnnnagctnt	acgcnnccgat	480
agananagcg	naaaacngan	nnnnnnctnt	cnanannnag	actangacag	acnnngncaa	540
cacatnnnta	gaacnnngca	cacatntcta	ncgntatcan	cagnncaggc	annnnnacaca	600
anagcancac	nngantgann	cacaanaatc	acgcntngaa	tnnncntnnc	tnannnnnaca	660
caaccaanat	nnaanaatgn	aagnacaccg	aacactnnac	angcagacta	nactcngnca	720
cnnaananaa	gaactgacng	acannacaaa	tanaaacggn	ntctacatca	cagangtacn	780
nncagacana	ancnnncngna	nnacaancgg	cncacacagn	tanacntntc	atagcnntcn	840
ancatcccnc	agtgcacaca	agngcncgna	aannntcatn	tcnctanana	cggatnccat	900
nataggaaca	gnnanctgcn	tacannnctn	ncaagnaatg	nacagatgcn	cgcanganac	960
gnaagnnncn	nnatnctgca	tgcntngcnn	ancaaatggn	angatnaten	nanatncaan	1020
nngcngcata	caannngtcg	nctaacacng	atctgcatcc	atngacggat	anacgtngag	1080
tangcctnnt	cacctcnna	gatctgcgtn	ncganatcan	cacnatangc	ntnaanagtn	1140
nncagaacag	tacnagactg	gnnantnaag	ntannatngt	ntnnagtata	ataannncaca	1200
ngnagntaga	cnncaancgn	ngnacnanat	ncnnngcann	cgcaaanaga	gcancnna	1260
gcgnaaccgac	cgcagctaan	acanacnact	ntacnncaca	aancntnnga	ggccgntcta	1320
atnctncatc	nnnncacctg	nacngnagccc	g			1351

<210> 4252

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4252

taaanntnat	ggntggntac	ttgntcttta	cgcaggatcc	catcgattcg	aattcggcac	60
gagggagccc	agtgttctcg	ttcatgaaat	ctncctttta	ctggaaaaca	ggaatattga	120
ctaccaaate	acaatgcaat	tgaagccgta	ctgctttttt	gagcagttat	tcattccagt	180
gattaaaact	gattgtgcan	aatattctaa	gaggncanaa	attggngtgt	ntaactacat	240
tttttagtgat	gcaattnatt	gattagtggag	taagatactg	agttttattg	agagatttga	300
ttattataaa	gtaaaaatac	ngctgnatta	gggttacnaa	cagnaaagtg	tcttaatgnc	360
tnangagggc	atnttanctn	cactacaaaa	ccanatnttg	nctgtacttn	tgaanagaat	420
nttgtnngtn	ctcagctgnt	atncaananc	tnaggaagnc	tnataggntg	cnttctatga	480
catgtgnatt	gtgatntgca	tataagnatg	ggtggngtgc	nataccatat	tctnggttnt	540
taaaatctat	cactttncac	cttncacttt	gacgtggtaa	aactttaaaa	accaangtgt	600
gnaaacccnc	nggnttctta	aaatacnagg	ccttagatct	tatcagncgt	tttgacaaaag	660
caggtttttt	caangntcc	ctcctnanan	tttttttnaa	cgggtcaaact	aangnnnttt	720
gaggnaagct	cttagtttga	ccggaaaagn	tgggncnt			759

<210> 4253

<211> 1382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1382)

<223> n = A,T,C or G

<400> 4253

nnncggnnna	nngaannngn	gnnnnnaggg	gnngggggcc	nnggnngann	gnnaanggnn	60
gnnnnnnnna	nngnnggaag	naaggnggg	aaaacagggg	naanggnnga	caaannnnac	120
nanngnanaa	naggnngnng	ggggngggan	gaaanagggc	gnaagggang	gnaaggaann	180
gggannnnncg	nngnggnnnc	ancnnnnnnn	annccnnnnn	gngggnnccn	nttngntggg	240
aaaaaacccc	ctttttgggg	gaaaaaaaaa	nccccccngn	nngnnngngg	naaannnnag	300
ggngaanaac	cccnacgcng	aaagaangng	gaanggnntc	anggacnacg	nnangggcga	360
ncgcccagag	ggcannnggg	gnagcnnngc	nccannnnnt	tnccaacgaa	gggnananaa	420
cnannagncn	gcancnngn	cagggggngn	ncgncgangc	gcnnnanagn	acacacaaac	480
taanaagaan	nggaaganan	naacananna	acgaaaangaa	cggnaaaaaa	gagacgggca	540
nngcnganan	aggagcngga	cngnaggggg	anccnacngn	annaagcgng	gnagnnnngg	600
gnggaagagg	cngcncggaa	ngcnnnnnac	antccgnaac	naaanagnan	naangactag	660
gcaaccngaa	cnnacgcgag	ggnnncnann	gcgganncn	nnacnagcgn	nngaggggna	720
agcgcgcggg	acnaacgggg	nccncggann	ggganngaaa	angccgnaac	aaaagangga	780
cgnaaaaaac	acncananaa	cggnnagggc	ccngcagcnn	aagnaggngn	ggagggcagg	840
gnangcggga	aagcgggaga	cgcnccagc	gagaagcgcg	cnaangaaan	ngancgggcn	900
ncgcgcnggg	nanncgngcc	ggannagag	gacnnatagg	aagtgcacna	ncaaacgcan	960
cggcatcnca	ngaggngang	ngatgnggat	anagngancg	ngananncna	nagaganggg	1020
gagagnaagn	agancgcgga	angnacanca	angcgnagaa	ccnggagagc	gmnccangca	1080
ngngagaang	gnannagagn	nannganana	cggngcgagn	gangnnnnga	cacgangggc	1140
acgcgcggag	aganncgcn	acatgaagna	ancggnngga	tgggaaannn	gannganana	1200
cgganggaan	cnggggncga	gangagangg	ngaggcncac	cnaacacgga	gggggagcna	1260
ggtagnggca	nnnaangaga	cgcgagcgaa	aacggganaa	ccgaaanggn	ggngcaanga	1320
nannangggga	agacgcacgn	gnggnnggga	gnaaannang	ngggaanacg	anaaaaancg	1380
cc						1382

<210> 4254

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1245)

<223> n = A,T,C or G

<400> 4254

cgatacacat	cntnnncaaa	tgatatcnat	ntaanatatc	aatatnttnc	ntnttnatac	60
tctgcaannn	aagaaaagan	anantnaggt	gctgttgaan	ccatnanctc	ttgttttttt	120
gcagnnccca	cgnttcgaat	tcggcacgag	gttttcctca	ggcacaatga	gccactgcag	180
gcttttgagg	agaagagtga	caagctgnag	agctgtgttt	taggacagct	atcctagagc	240
tatgtgtggg	cagagagtac	aagcaggtta	tttatgaggc	tngggtaaaa	aggcagacag	300
gggacacatt	tgtcatatgc	cctattgagg	cncanaatca	nggaacagga	ggtctgcngg	360
ttncangaca	ggccaaatca	ngganaaaag	ggactatccg	ggattancaa	gtcactggtg	420
atcganatat	cactttcttt	gaanntttan	aaatggtttn	tgttancact	tgcannnctc	480
ttcattaana	naacctgcca	caaaccaata	aanttanngg	tttaaaatag	aatcntgnag	540
ttatananan	cccaatggga	anctnggnta	atannttnta	nngggaanac	tnttnnngtt	600
naaaaaggga	aanntnnggg	aaancccgnt	nanangagag	nggnagnntn	tggcataana	660
gacgnggnnt	ctctcctcta	aacganatac	gaatacctct	tnccgcnntt	acncnnnnng	720
tgntnnanaa	acgntatntt	tctacacggg	antctntgtc	gtttttttta	agataatnag	780
nagnacncaa	tacataantn	ncaagcncgc	gtnanaaana	nantgnacgc	tnannataan	840
aactcttntc	ngtatngggc	nctaantctac	ttaanggana	aagcttaata	taangntgat	900
ggcaagggtg	cccctgttag	antcnttacc	nattgtctca	acgatctccc	taacgttatc	960
nnntnngaca	ccatgacgcn	attngangcn	cacttantnt	gaacngtaaa	aagnntttnt	1020
gggggtgcnn	tannaatacn	nangtcncca	tcncttttnn	nggttanant	ntccnccnnc	1080
tngatataaa	gannaataaa	ntgggtgcaac	ntatatTTTT	cggnnacnna	mntatattct	1140
ctntgggnna	tncatgtctn	catnctgtcn	ttatcnatTT	ntngtaagna	gaaaccngtn	1200

aatntcttat gaannnnntnt cnntttcgta atttgaaana ccncg

1245

<210> 4255

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4255

```

aggnggnatt aannnnnttt ttanannngc ngctcttggt ctttttgcag gatcccatcg      60
attcgaattc ggcacgagaa acaatataac tcaaatgcct ttctacagga ctacaaagct      120
gtctgtatca ggttatggtg ttaaatacata atttctggat catgatctta aacctttaat      180
tggttccatt tctactttac tctttactaa caagtatcct gatgggcctg aaaatccatg      240
ttgaaatttg aagtttgaat tttccagatc aaatatgaaa tttattttca ttttttaaag      300
tacaaaatat cagttgtata atcatggtaa aacataaaaat tttgctataa aagattttta      360
aaggctatth gattaaaaaca tttattttact taaactcttt gctagaattt tttttagaat      420
tcagcatcgg aggaggaatg tgacataata atgatcgaaa gccgaaagtt taaaagttgt      480
gatgccctca catggttgga gggttattct agcttctaag gactgaatgt tgtccacaag      540
agtgtcatca ggtcataaat tggtaagact taatggctta gatttatgta ttataacctga      600
tgttattgna ttgagatgaa ttttatgaa caaatgagc acattgtgta agaagtatag      660
tattaaatat aagttaaaac tttggaattt taaatacctt gggagtatgg taaagccctt      720
tccgaagtct cttggagggt tgaaaggcgg nattcttttg cantgggn                      768

```

<210> 4256

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4256

```

tggngnttta nananncnng ctctcntctt tttgcaggat cctcggatcc gaattcggca      60
cgaggtaaaa catgtaattt ggacatgcaa gacaatgctg ctgccaaact acattgcatt      120
gattcattaa gatgttattt ttgaggtggt cctgggtctt cactgacaat tccaacattc      180
tttacttaca gtggaccaat ggataagtct atgcatctat aataaaactat aaaaaatggg      240
agtacccatg gttaggatat agctatgcct ttatgggttaa gattagaata tatgatccat      300
aaaaatttaa agtgagaggc atgggttagtg tgtgatacaa taaaaagtaa ttgttttgta      360
gttgtaactg ctaataaaac cagtgactag aatataaggg aggtaaaaag gacaagatag      420
attaatagcc taaataaaga gaaaagcctg atgcctttta aaaaaatgaa acacttttga      480
tgtattactt aggccaaaat ctggcctgga tttatgctat aatatatatt ttcattgtta      540
gttgatatatt tttcagaaat tataaatatt attaatthaa aatttgaatt tgtgtttgac      600
taacaacctc gatggatctt cttncacact nccattaaga tcctgcagaa gaaatagaaa      660
tattcaataa ttgcaagggt taattgtgag acaacttatt ataatacgtg ttaagttcta      720
ctgganccat ggaaatgggt taagaaaaa                                     749

```

<210> 4257

<211> 466

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4257
 tgnttcnant nttttacaac tacttgttct ttttgcagga tcccatcgat tcgnattctn 60
 nacgaggetg cttactaagg cttnnactgn nanatcgntt gaccnntnn gtcgntnget 120
 gcacatgccc atattnnnnn gacnnngctn nntcctgngc ngntangnga tgacctgnnt 180
 cnggacacaa tggngaangn gtagnggtgc nngacatngg cgaaattgtg ngcnactaga 240
 antngtgnca angcnngntt tcacatancc tnnnnnnnct acttgccatn tnnnantgan 300
 cttntctgct cacnacattc ntgngttcat aacnngacnc nctaagngna caactccgaa 360
 cccacattgg ncaaaaaaaaa cnacatatgc tnaengttcc tntgccccat gtgnncnntn 420
 aactgnatn atcttanact gaaccagngc tccaccatt catnct 466

<210> 4258
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 4258
 tngatncctt cgatcagctc ttgttctttt tgcaggatcc ctogatncgg cctatcttag 60
 agaatcatct gctcannect tattcctgca gaatacaaat gtcacattct aacctgttca 120
 gagattgtct tcaanataaa antgtgattc ctacatggna tgnnaaacia nctacactnn 180
 tnggcaaaag gcattattag ggntngattc cataatgatt gagtntctnt nnnnagtata 240
 ntcattgcanc tgaacaaaat gaagctcatt ccactgcntn gaanaatnnc acaaatgtga 300
 tgctnaanan aggaagccac gtgcanacac tnactatata attntatgta catnaagttc 360
 agnatccgga tagttaccnn tgnnaaggan gtaactnnan gagtntgagg aggggnttct 420
 ggtatctggt taatgnactt ngtaccantt accaanagt gnnt 464

<210> 4259
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4259
 gnagcnnnnn nnttttctaa ngttggctac tegtcttttt tgcaggatcc catcgattcg 60
 aattcggcac gaggcatcct gtccttgga accctttctc attctccaag cctggtcagc 120
 tgcttgaca ggcagaggtg cctcagccc aggttagcaa cactcatagt tttgccaatt 180
 accagtagac actagtggaa ccatctaact ggaacttctc ctctccttcc acttatttcc 240
 tcaaacttgt tgctttacac tagacacatg caaatgtatg ttttaaacac accaaaacag 300
 atcatgccaa atgagttgcc tgtcaaaggc tggagggcag gaggagggcc tgggtttggg 360
 ttctttctc ccagcctttg gatggtgcct tgggcccctt agccccagcg ccagggcctt 420
 ccagctgagg ccacaggaaa gcactttttt atgatgtact aaaagccaca gtatgtggca 480
 actgcaaaag gatcaggaat ttagggatg atctcgggtc cgtgtcccgg gccgctgagg 540
 ggaaaggga cgggcatgat tgtagacaat gagggggttc tcttgatgta atgaaatgca 600

atatttatggt	ttggtgcaaa	aactcctatt	ttccagttaa	ttacttttat	ttctaaagca	660
tattttttgat	ttncatcna	nagcnataaa	gcattaaaat	tctttaaaaa	aaaatnaten	720
ntctcnantn	ctccanattc	aaaaaaaaact	tcgnncntt	naanaccttt	ttgngnggtt	780
cntnttttnc	cgngannccc	cncnttnnn	nctnngattc	cntttgnetg	tnntttgnga	840
cnaaccccc	atactnagan	tnctccgcaa	aaaaaantcc	nt		882

<210> 4260

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4260

nngtgnantg	ngatnttggc	nagcgccatg	antnnnggag	tcganccgann	nncggcacga	60
ggagaaccnc	ntaaagccct	nanntttcct	ttttttngna	ngaagnggga	gtanatggnt	120
ngcnatntan	nccnanangg	cacnntnnan	ggaggngnaa	ccactctgac	gttnnatngg	180
cantgagagn	tagancagag	gctgncctgc	ntggaagctg	atatacccta	taatncanag	240
ggnnnnagac	nantnttgng	aaactcggtn	anacattcta	tttanagaca	tgcttctga	300
tatgacntat	atttttatag	ggataccent	ttatngctgg	gacatnaanc	ctgnttncac	360
tcnaaatggn	cctgctttca	gaaaatagaa	cangagacat	gccgaaaaca	gngnttctat	420
tattgtgnat	tatgantttt	gttctntaga	actattttcc	aactcatctn	nttncctgca	480
gctgnggaat	ctggacagcn	aaatcttgtg	gacgtttatt	ccactaagcc	cagggatgag	540
atggcactca	ggttaaagaa	ctaacatttt	ctgaaccctt	nattaactat	ttaccagcat	600
caggccctct	aagtacaagt	gtcagaatcc	ttcatttcaa	ttttttcact	cngggcattn	660
cccattacaa	agcccatcct	attattgaac	ccnaanttna	gcaaaccact	taggtctgcc	720
acttaagaan	tengngnnnc	aaggttgccn	aagaa			755

<210> 4261

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4261

tgtgttttct	nnctgtgggn	actggccttt	cnncangaag	cctggccggt	cgaactgcna	60
ncggcnncnn	cggaaagggn	ntgnncaann	gnaattttntg	cngntnangn	tgtatacacc	120
ttggangann	nnnttgngcn	attgcngntc	tnngangtat	tcangncnnn	taaattcntc	180
atnancnca	cttccatngt	ntnntcngnc	acatgctnnc	antntatnat	ncntgngaaa	240
ngcngantat	cnatgctaga	cntnnntgca	ggctgngngcn	ncgganntgt	cntgacnnca	300
aactgtttac	tctnantgac	tgtgngngcn	ttntcnnat	gaaaannngg	gcagtattcc	360
cttnctaaan	gagntcnnag	gaagaagatg	agaancgggg	tggnatcagn	aactgannng	420
gcacngaagc	acgtgnnaga	ccctcnnana	atgatgtgan	nggacaaaaa	gcntgatcac	480
caagegcttt	cangnctgga	ttccnnncnc	gnatccatan	nagtentgtg	anccaggacc	540
ttnnaggnat	catnnncng	gcgtgtngnn	aatgagcatn	gtgtggtaca	cttgacngtg	600
tcccctgggtg	cntactntgt	aattcatgct	ncactagatn	agncnagnac	ntatatncgc	660
ttcggcactg	tgtgctngta	ccnaccncnc	gttggaccgt	nattccctt	ncaatgtgtn	720
anatnttngg	ttgggcct					738

<210> 4262
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 4262
 ntcntngata canctacttg ttcttttttgc aggatcccat cgattcgaat tcggcacgag 60
 gcaattgtct atttatcttt tatnttttta agtcagtatg gtctaacact ggcattgttca 120
 aagccacntt atttctagtc caaaattaca agtaatcaag ggtcattatg ggtaggcat 180
 tnatgttntc atctgatntt gngcaaaaagc ttgaaattaa aacagctgca ttagaaaaag 240
 aggcgcttct cccctcccct acaccnaaag gtgtatttaa actatcttgt gtgattaact 300
 tatttanaga tgctgtaact taaaataggg gatatttaa gtagcttcag ctagctntta 360
 ggaaaatcac ttgctaact cagaattatt tttaaaaaga aatctggtct tgtagaaaaa 420
 caaaatttta ttttgtgctc atttaagttt caaacttact a 461

<210> 4263
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4263
 annnannctg nnggtcgtgt aacgcccttt nttnnangaag acngggcgatn cgaattccga 60
 ggatccaaga gggcnnnact ngggngggct tcntttcagc tgaaggctgc taccgtaccg 120
 tgtgggagcg cctgggtctg gccttccaga cccagaggc atactgccag cagcgagtgt 180
 tccgctcact ggcctacatg cggncactga gcatatgggc catgcagcta gccctgcaac 240
 agcagcagca caaaaaggcc tccctggccaa aagtcaaaca gggcacagga ctaaggacag 300
 ggcctatgtt tggaccaaaag gaagccatgg cnaacctgag cccagagtga gccgtctgaa 360
 ctgtgggagg gaagtgctaa cagcccagcc tncagcctgg cctttcctcc tcccctctg 420
 aacctcctgc aacctgagc catcaggaca atcatacccc tcccttctc tccaccaat 480
 tgtgccagta aatgggggtt gagggtgacc taggcagcat tagaatcact tatttatttc 540
 tttcctacct gttccctgac tgcgtgaaat gttcagggag gtcagttgat tccccaggt 600
 acattcatgg tgtgacagac acatgggtac aaataaaaaga cccagaaagc caacnaaaaa 660
 annnggtttt nanncnnga attttaaaaa nntntaaatt ncntngnntt aaaaantnct 720
 tttntgnaaa aaannntttt ggccttttt 749

<210> 4264
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4264

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nggggntnttt atanaatcca ggccactttg ttctttttgc aggatcccat cgattcggcc      60
acatcggggg caccaccctc catgcctttg caggcatcgg ctcaggccag gtcctcttag      120
cccagtgtgt ggccctggcc caaaggccag gcgtgcggca gggctggctg aactgccagc      180
ggttgggtcat tgacgagatc tcaatggtgg aggcagacct gtttgccagt ggccaggcct      240
atgtggccct ttctcgggcc cgcagcctgc agggcctacg tgtgtgact ttgaccccat      300
ggcgggttcgc tgtgaccccc gtgtgctgna cttctatgcc accctgcggc ggggcaggag      360
cctcagttctg gagtccccag atgatgatga ngcagcctca gaccaggaga acatggaccc      420
aatcctnctg agcctncccc acaaagagga gacaaaaggg ttggcctgtg gcctncccg      480
cctcctgctn cctatggccc anggccccag ggaataactg gagtaggcag gcagtgtccc      540
cttctgtatt ttttanggac tntaaccttc tgcagggtta aagggagaag tctttaaaacc      600
catataccaa ctgtgcttca gttcttttan ttttgctgg gttaaactgct gtagggtcag      660
aattaccctt tctgtgccaa ttganaatga acctgtgtgg tactgatgtc agaggacaaa      720
ctntntgaan ggcttgaaca nacttga                                     747

```

<210> 4265

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4265

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ncnttttatca aancgnttgg gctactcgnt ctttctgcag gatcccatcc gattcgaatt      60
cggcacgaga aagaaaaggc tcgtgacaga gaaagatnna aagagaagtc gttcacgaag      120
tagacactca agccgaacat cagacagaag atgcagcagg tctcgggacc acaaaaggtc      180
acgaagtaga gaaagaaggc ggagcagaag tagagatcga cgaagaagca gaagccatga      240
tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa aaagccggga      300
tcgaaagtca tataagcaca ggagcaaaaag tcgggacaga gaacaagata gaaaatccaa      360
ggagaaagaa aagaggggat ctgatgataa aaaaagtagt gtgaagtccg gtagtcgaga      420
aaagcagagt gaagacacaa acacttgaat cgaangaaag tgatactaag aatgagggtca      480
atgggaccag ttgaagacat taaatctgaa ggtgacactc agtncaatta aaactgatct      540
gattnagacc tcagatcaga cagaggacta ctggttcgaa gattttttgga anaatnctga      600
ngaacgggat aaagtgaaga tcgnncnttt aaaaaaatga ggttgaaaag aaagctatna      660
gtggcattna aaaagtntta agctncantt agttttnttt attattatta ttatttataaa      720
ggttaatttc aaggacttga tgttgacctc cngatttccn gaacatgtgt tnaatagttn      780
ttattccctt tgg                                     793

```

<210> 4266

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4266

```

tnnnaatcnc nnnaagcctt tgttnaacc ctttgtact ngcncttttt gcaggatccc      60
atcgcttcna attcggcacg aggttatncc agtatctgnc ancagaatgg cattgtgccc      120
atcgtggagc ctgagatcct ccctgatggg gaccatgact tgaagcgctg ncagtatgtg      180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna      240
aggcaccttg ctgaagccca acatggtnac ccaggccat gcttgccactc anaagttttc      300

```

tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	cccccgctgt	360
cactgggatc	accttctctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgccenn	tgctgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnetga	acgcctgnng	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agcctngcct	ggcaaggaaa	gtncacttnc	600
gagccggtta	ggctagggct	tgctgcaacc	gaagtccct	ctttggtnnt	ctaaccatcg	660
ccttttttaa	nncggaaggg	tgtttcccca	aggattgccc	cccaanaact	tnnaagncc	720
ttggccccaa	tttccnantt	tttgaaanaa	ggnaggnccg	centncttta	nngggcttcc	780
aaaccttggy	cttaganccc	nggctttttt	t			811

<210> 4267

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (469)

<223> n = A,T,C or G

<400> 4267

ntnccntttt	nantacanat	acaagctact	tggtcttttt	gcaggatccc	atcgattcgc	60
catgcccagc	tgtaatttct	tattaggtgc	cagacattat	gaattttacc	ttactgggtg	120
ttgggtacat	ttggatgtct	ttaagtattc	ctgagaatta	ttctcagggtg	cagttaggtt	180
acttatgaat	agtctaattc	tttagagtct	tgctttcaag	ctctcttagg	gcaggagcag	240
cctttagttt	atgactaata	tggccctggg	actgagacac	taccattcta	agtacctaaa	300
taccgaattt	cctgtgtagc	atgaggcatt	tcactctggc	tgataggact	tggaactagc	360
ctcaacctta	tatggctctt	gatgattgtt	ttgcctgttc	ccttctgtgg	ttcttttccc	420
gtgtcttctt	tactcacgct	tactgctcag	tactcagccc	gaagactct		469

<210> 4268

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 4268

cgttacttcg	atcaagctct	tggtcttttt	gcaggatccc	atcgattcga	aaacccttac	60
aaaaaaactt	taaaaaaaat	ggcagcaaag	ggtagttttc	atctgggtgc	ttttatttaa	120
gttttttaag	ttaagaaaag	ctgggtgacat	atttatacgt	ttttgtgcaa	aaataaatga	180
atggcaatag	attttaaaaa	atcttattat	gtacttctgt	tgaaaaaagt	ctgtataata	240
tttcccttaa	atatgcatta	ttttacttgt	gagttttttc	tgaattaatc	tgaaatgtca	300
agccctggat	ttgctacaga	gtgagaagtt	attttatatt	tttttatatt	taattntgga	360
aattctgcag	aaatcanaac	tcttaccatg	gtttgaacaa	aaaaagggga	aatggggagg	420
ggaaaagggt	gggattgtcc	ancatgcttg	tatgtatatt	tca		463

<210> 4269

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 4269
 tccgtntgan taccggttaca ngctacttgt tcttttttgca ggatcccatc gattcgaatt 60
 cggcacagaa gaccaagcgc atgcgaacct ctttcaagca tcaccagctc cggaccatga 120
 aatcctactt tgccatcaac cacaaccctg atgccaagga cctcaagcag cttgcccaga 180
 aaacaggtct gccaaaagag ttttgcaggg agaacaaatc ttggggcatt acagccaaac 240
 atccccgacgt ttgaaaattc cctaaagtat taaaagaagg ggaaaagtgt gatcggaaat 300
 ccactgcagt gaagacaaaag acactattag gttatgataa tcatacatta aaaaatttat 360
 taagccaaaa aaaagagaga gagagagact taaatgtcat ttactgaatg ttaacgaaac 420
 ttgtgttctt tatggtgtct aacacaactg aaggcctaaa attatgtg 468

<210> 4270
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4270
 nncttactna aaccgttttg ctacttgttc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgaggac ctatcttgat ctggatagta aagtgaggac tttaaaaaag tttattaaat 120
 tactgggaga aatcatggag cacagattca agacatatca acaatttaga aggtgtttga 180
 ctttacgatg caaattatac tttgacaact tactatctca gcgggcctat tgtggaaaaa 240
 tgaattttga ccacaagaat gaaactctaa gtatatcagt tcagcctgga gaaggaaata 300
 aagctgcttt caatgacatg agagccttgt ctggagggtga acgttctttc tccacagtgt 360
 gttttattct ttccctgtgg tccatcgag aatctccttt cagatgcctg gatgaatttg 420
 atgtctacat ggatatgggt aataggagaa ttgccatgga cttgatactg aagatggcag 480
 attcccagcg ttttagacag tttatcttgc tcacacctca aagcatgagt tcacttccat 540
 ccagtaaaact gataagaatt ctccgaatga ctgatcctga aagaggacaa actacattgc 600
 ctttcagacc tgtgactcaa gaagaagatg atgccaagg tgatttgtag ttaacatgcc 660
 ttgtcctgat gttgaaggat ttgtgaaagg gaaaaaaaaa tctngactct tgatataata 720
 aatgagact ggaggcattc tgaaattgaa aaaaaaaaaa aaat 765

<210> 4271
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4271
 nnccnnttna ntanagatac aagctacttg ttctttttgc aggatcccat cgattcgctt 60
 gggggccagga tcttgagctc cttgcttggg gataacttcc tggagagctg ctcaagtcagc 120
 tatacccttg ggagtctttt gttgagggag aaataaatgt cattttgcaa agccactgat 180
 attctgtggt tatcacggca gtttagagag gaaggatggg ggaaagctgg gttgcgctct 240
 agccttgaca cttcctgcct ttgtagtgtt aggcaaacat ggcaacccca gaaaactcan 300
 ctgcctcagt ttttaaggcat gcagggtctt tgtgaggacc atataagcca cgtggagggg 360

tctagaccaa gcatagtgtc tggaagaaag ggcgtgtgtg ctaatgattt atgtctcttt 420
tctttctgag agtcttctgc cccaacacca naggtgagac cacctg 466

<210> 4272

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 4272

ttencttttna tatagatata gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagct ttagccccag tcaagttacc tcagcaaaga ctagctgacc ctgccaaagcc 120
ctgcccaagt tacagaatca tgagcaaata aatggctgtt tctgttttaa gctttttaa 180
tttgggggtg gtttatgtgt caataataac tgaaacagat aatatataca gaataaactt 240
tagttttaat aatctaagta aaagccact aattcattat gcagaaaaaa atgatttttt 300
tgagacgggg tctcgtctctg ttgccaggct ggagtgtgtg ggcacaacca tagctcactg 360
cagcctccac ctccctgggt caagcgatct tcccacctca gcctcccgag tagttgagac 420
cacagtgcc tgggtgtggt ggaagcaagg tgccatgtga taagt 465

<210> 4273

<211> 630

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 4273

nnnaactntn tcnnatnnn cngancnnnn ntctcngac antttgnnna acngntntgt 60
ggggnnngnn nnnnnnnngc nnnnnnnnnn nnnnnnnaan ccttggaac ctncctnngc 120
cgatccnnnn ntgcannatn ccgcnngngg gactngnaan cngnccana taatnagggn 180
ttnnnctgna cnnngcaaaa accccannat taggnanggn gcgctaggng gccnanaanc 240
catgnagtgg cagncngnca nnengttgtt tnnccaaten nnaattegna tcgcctcggg 300
ancgcccctg gggtagnggn acactctgnc nantggncn actgntnana anaaggganc 360
nagtgtcnng angncncgg cntacncag ngaatcctnc cngngnnccg ggngactagg 420
ggnggatncn nncangaagg nnnggagccg nagaacanac ntgggtgacn ggntgngaca 480
aagnnnccgt cnaaaaaatg ctangggnaa nnacanaagg agnntcnaan tgcantanna 540
ngtgangttc caacgccna tgaaaaagg annanggaaa gtcgcacant gattganang 600
ggncgccngn ngngcatatn naaatnnanc 630

<210> 4274

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 4274

tnnnncnncan	ncnnnccnct	nnnnncnnntn	gantnnnnnn	nnnnnacnctn	ctcangnnng	60
tnncatnncan	naagnnngta	ntntngtgcg	ntgnncntnn	nnnnntatc	gnaatnnnnn	120
nnnnnnntnc	ttncctttgg	taacccttt	tnnnccntgg	cnthacncat	gnaaccgta	180
agncggngcn	angcnatagc	tatnaacgaa	catttnncnt	ngctacggnn	nattgnactn	240
acgcngnct	gtangangcc	acnttnacat	gcnaggncgg	cacaccggtg	naataatngn	300
gtcgctnnnt	gggtgcggcc	ctaacgcttc	cnttngcntn	agcncangng	cctnagactn	360
ttacagnngc	attgganaaan	gncgcggcgt	naccgcgtgc	mntacncaat	naaggngtgt	420
gaaacacngg	acntgggttg	aaaaacnntn	aancngatg	gcngagcnta	agccccnggg	480
gngcctgagg	aagcgtgcag	cnaggtncnn	atganaaatc	acttgtgncn	aaacggacaa	540
tganctgcgn	agnngaantc	tgngcncgtt	aggncacnca	mntgttnatt	gggcgcattg	600
aanngncatg	actccnnc					618

<210> 4275

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4275

gnngngnann	ggnggggna	nngnggaggn	gngngngggn	gnngnggngn	gngnganggg	60
nnngccnncan	nnggccggag	cnnggggnnc	ggngngagag	ngcnngnaaa	gccctttgga	120
aaggncggag	nngagtggng	ggccgncgga	gagggggggn	ggggangngg	ggnagngggg	180
ggggggggng	nngcncgnnt	gagnggnngg	ggngagaggg	gngcnnnng	gnnggggggg	240
ggcngcnggg	ggngngaggg	nnggnnggna	gngnggnngg	aaggnggngg	ncgangnnnn	300
agtggangnc	gngagngcgg	gggaanggag	nngcnggggg	nngnnngggg	ggnngngggg	360
agggnnagga	gggnnagagn	gncnngtggn	agggagncng	gnnnnngaan	gagcgaccng	420
gaggggaang	gnaggganng	ggngagggga	gaggnngggn	agncgnagag	agggncnggg	480
nggannacgg	annacgggng	cnangncntn	gaggcnnccn	nggggaggcc	nannanggtc	540
cgggggggnc	aggaaggann	caagggaatn	aggaaaaana	gncgccagg	ggnnggnaag	600
nngaaannnn	gcangggggg	ganngccggg	agcggannng	gnngagngan	agggngangn	660
gggangaang	cgggnnnngg	ggaaggagng	gagnganaaa	angggccagg	gagggngggg	720
angngnngac	cnnggnana	ncaangggng	aaangcngga	ngggggnaga	gaggnnggan	780
naaccngaga	nggaaanggg	gangggggcc	aaaggggggg	gggagcccn	ggnggggaaa	840
aggganccag	nttaagaaaa	gagccggggn	agaggggngg	ggaanccaan	ngtngagag	900
ggcgnccgaa	gatggngaga	nnaaaccagg	ggganagcat	gggggatnan	aggganaacc	960
cgangangga	aaggcaaggg	gaacncnggg	anngggggaa	ncgnaagccg	ggggnggcng	1020
ggnaaanggg	aanagnngng	agggggggaa	gggggaanant	gaaccnnggg	naggaaaaaa	1080
cgggggggaa	ntnaaaaaag	gggggggaaa	aggaaantgc	gggagccaan	gnntgaaaga	1140
aaaanaaata	gggnaagggg	ggggggggaga	naggggnaaa	aagggcctga	catagaggng	1200
gggggcgagt	atgggnnaaa	gaaaaagggg	gngntnnaaa	agggncncng	ngaggtanga	1260
ggggagggng	ggtnggggaga	nagngaanag	aagagcgaa	agatnagttn	naaaaaangg	1320
gngganaaan	ntgcgcaggg	gaagctgggg	aaaggggngg	ggaccccan	agccncggga	1380
anatgtgncn	gggaaaaana	gggggggggn	gnnaaganag	ggggaaaana	aaagggccca	1440
ccnggg						1446

<210> 4276

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4276

gggtggttttn	angnnnnnttt	ttctantngc	agctacttgt	tcttttttgca	ggatcccatc	60
gattcggnntg	gctctcccag	cgtctgacct	ggcgtgtctc	tcagtcccat	cccaaggcga	120
tgttctctac	cgctagatgg	agcatcagac	ctcaagtcaa	gancatccca	gttccactgnt	180
gcttnnggtg	gctctantct	gggagggang	gggagacttg	aaaatgggan	gatctcattg	240
gcttgctaag	gnttnggatt	tacctcntat	cactggagac	ccattgtagc	gacaangtca	300
agggaacnng	aacttgttta	ctatcngtgc	gctctacatt	gaatttaccg	acaaactctg	360
tgannaatcn	gatatgaaca	atgcacnctn	nnctngtctn	agacannnnn	ttannaagaa	420
ggngcacact	gaacnnnctn	acagcactnt	tngntagggg	cactgtactn	tgacctgnat	480
gaaantntan	ccgaggccan	aatngaccna	ctatnaagct	taacacngat	tnnaggnata	540
taatnaatga	nnattnaana	tgancctgan	ctannagctt	aatagtntctg	atgggcctnc	600
atgtnatntc	aaaggncctt	gaattggcta	cttanaagga	naatggccaa	tngnacgtgt	660
tnnangaaag	ggaacagga	aangnccta	gtcccantgt	aatgngtcnt	nggcaancaa	720
nctgtttaaa	acggtntcgn	aaaaaaanan	nttccnnnt	nn		762

<210> 4277
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (793)
 <223> n = A,T,C or G

<400> 4277

ncnttttatca	aancgnttgg	gtactcgnnt	ctttctgcag	gatcccatcc	gattcgaatt	60
cggcacgaga	aagaaagggc	tcgtgacaga	gaaagatnna	aagagaagtc	gttcacgaag	120
tagacactca	agccgaacat	cagacagaag	atgcagcagg	tctcgggacc	acaaaagggtc	180
acgaagtaga	gaaagaaggc	ggagcagaag	tagagatcga	cgaagaagca	gaagccatga	240
tcgatcagaa	agaaaacaca	gatctcgaag	tcgggatcga	agaagatcaa	aaagccggga	300
tcgaaagtca	tataagcaca	ggagcaaaaag	tcgggacaga	gaacaagata	gaaaatccaa	360
ggagaaagaa	aagaggggat	ctgatgataa	aaaaagtagt	gtgaagtccg	gtagtcgaga	420
aaagcagagt	gaagacacaa	acacttgaat	cgaangaaag	tgatactaag	aatgaggtca	480
atgggaccag	ttgaagacat	taaatctgaa	ggtgacactc	agtncaatta	aaactgatct	540
gattnagacc	tcagatcaga	cagaggacta	ctgggtcgaa	gatttttgga	anaatnctga	600
ngaacgggat	aaagtgaaga	tcgnncnttt	aaaaaaatga	ggttgaaaag	aaagctatna	660
gtggcattna	aaaagtntta	agctncantt	agttttnttt	attattatta	ttatttaaaa	720
ggttaatttc	aaggacttga	tgttgacctc	cngatttccn	gaacatgtgt	tnaatagttn	780
ttattcccct	tgg					793

<210> 4278
 <211> 903
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (903)
 <223> n = A,T,C or G

<400> 4278

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ggtttntttt tttgnngntt ttgngcnttt tnaggcgtnn tntctgatcc ccgctaattg      60
cattcggneg ngctncccta cagatantgc atgcacnttg nagntaatcc agtggtntta      120
acngntncat antntatcaa gcngtncatg aangtgtngt natnaaatgt ctatgtatct      180
ntagttacat tcaaatnngn aactttataa acatgtntta tgcttgagga aatttctaag      240
gtggtagtat aaatggaaac tttttgaagt agaccggata tgggctactt gtgactagac      300
ttttaaaactt tgctctttca ngcagaagcc tgggttcttg gagaacactg cacagcgatt      360
tctttcccag gatttcacaa cttttnaagg gaagatnaat gaacatcnna tttctaggta      420
tngaactatg ttattgaaag gaaaaggaac actgggtgtt gtttcttaga ctcatgaaan      480
ttaataatta tgaangcaat gaaaaattaa nttgaaacat taaantctnc ntgacantng      540
gaatnattcc tttgccactt tnttgcatat atttcagaan acnattccgt nnttntttcc      600
antntngcna acccatttnt ncttgatnt tgngccatan ttttgacntc ccggnntna      660
ttcannatnn ccttnncccg gtaatcgnc antttgggan atctggnant nttaaaatat      720
gncntttata tatanttaat ttctttcann naaantttctg gnataggcct ggtnatttan      780
antnnnttnt tatttgnnng nanancnntt tategtntan aanatttaac cncttntnt      840
tttctgnngc ccttttcgta taaaaacctt cntntatntt tnnngacaat nttntnttt      900
nnc                                                                    903

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<210> 4279

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (866)

<223> n = A,T,C or G

<400> 4279

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angcnagagc ccacggaatt tncatgcctt tategagncn gcnccegcgc ggannnaaac      60
agcnggaent gccncacgag nggantntgc nctttttttt gggccgncca nntccacag      120
ncngangggg ggttaatnnc ngaacgctgn agaatannta ttgatgagca ncngagaagn      180
aacatgnnca tggccaccag gcncgnccac tcacngcaaa agtgaccaag ccagcangtc      240
acccttaact ggcagaaacc aanatcaggg nggnagnccg gacttnaaat gcnnagaaac      300
ctgtnagtga tggagggna agaaaaattc agnatggana anaanaatcn gggcacncaa      360
acaaattcac tganaantcc anaagnctat tnanaaacia gatagcnatg agtncanatc      420
natecnantg gncntntaat nntacaacca anccttaacc ttccactcta aagggaagga      480
atactangaa tggattacnt ttccggggta nnataaancn ggggnantaa atgatnangg      540
gaaancccaa aanctaccen nnantcnang gantntggaa tnccttactc ttcacaaaga      600
ncatttccag nttctaaggg gaccccttta cnaanttnaa aanggattcn annttggcnt      660
ctnaagnggg ntcgcccggc ccnaaaaat natnataatg gaccnggggn tcaaangnan      720
ctnacnggaa aaangaaagc ccgnaaaagg accaggcntt tccaaggaan gaagggaana      780
tnccncgaa ancccccgga ataaantca anggggttac acaaaaaagc catccccncg      840
aattaanccc aaaaaattgg gcagcc                                          866

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<210> 4280

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (750)

<223> n = A,T,C or G

<400> 4280

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gaanactcn tnatcgnttg caggatccct cgattcgaat tcggcacgag gctgggactg      60

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acagcctgca	gggtttcctt	gggcgcggcc	ccaaaattgc	cttcaaaaaca	aaccgcggac	120
ggttgaaagc	cttcgaaccg	tgcangggat	gcctcgggcc	ctggcccttc	gcttcctctc	180
ttgtgttatg	gaaataaaaa	caaataaaac	tacaaaaaaa	aaaaaaaaaa	aactcgagcc	240
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	300
ttggacaaac	cacaactaga	atgcagtgaa	aaaaatgctt	tatttgtgaa	atttgtgatg	360
ctattgcttt	atttgaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	420
ttcattttat	gtttcagggt	cagggggagg	tgtggggagg	tttttaattc	gcggccgcgg	480
cgccaatgca	ttgggcccgg	taccagcctt	ttgttccctt	tagtgagggt	taattgcncg	540
cttggcgtaa	gctgtttcct	gtgtgaaatt	gntatccgct	cacaatttac		600
acaacatacg	agcccgggag	cataaagtgt	aaaagcctgg	ggtgcctaata	gaagtgcct	660
aactcacatt	aattgcgttg	cgcttaattg	gccgcttttc	caatcgggga	aacctgtcna	720
ngccanctgn	attaatgaat	cggncaacgc				750

<210> 4281

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1094)

<223> n = A,T,C or G

<400> 4281

cctntnnncn	antanantac	ananntnntt	cacnncant	ntaatantnt	cctntctanc	60
tctcttanen	tttacgcna	catatncnen	nnctnatct	tctncanatt	ttananatat	120
acctnannct	ccatncanna	ggtngtnacn	nnggataaat	ngggngntn	gtaangagng	180
ctnactnaac	tactagggtg	gaatnaattc	ctnccntnt	tctnactnag	ntnaatcatc	240
gtacgaggaa	aaaacaaagn	antancttan	gccttngaca	aggatatnag	cacctaattgt	300
actnntaagc	ttaacctggg	ggnaancccn	natanncgta	aantganant	annnaatgcc	360
acangtgnag	ntntgcatcc	cctgaaannc	tnanaacaaa	tgntaanga	ntatgnctgt	420
cttaantatt	ctttcactta	nttagttcna	ctgcanaccc	ccatcctggn	aggggttatt	480
cggnagttaa	ggtactttca	taagttntaa	acanaatgat	atntgntatt	acgntaacct	540
ttctcttgat	gacaatgana	aananaagcc	agtttccaca	gaagactana	naannannng	600
ttnggggtgn	tcctnctggg	ngntatcnnt	tnttgccana	cttttcccn	cattttaaaa	660
nngtnnaaca	nttnggatcn	tttcattntn	nctttcggtg	aannttttaa	tcntcntnac	720
naattggaan	canatattn	ncccaantnn	ncctttaaaa	atcttttagc	caacancttc	780
ttctannnaa	antngnaana	accctntnnn	atactaata	aanntgnct	attatnctna	840
cnttgtttaa	aanaatenta	ttcttngnga	naccnannnt	attcnggttt	cncctcttt	900
nncttnncna	nangctcnt	naantgnnca	caatanccgt	ctaaanctgn	gnatncacan	960
nttcacetta	cccttacnta	ntnantntnc	ttgananant	aantaggntc	ctcttagcct	1020
caaatnaaaa	taactttnnn	aacntntata	nctntgcaaa	cntntttnc	anncntnaat	1080
atccaatttn	cncg					1094

<210> 4282

<211> 1247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1247)

<223> n = A,T,C or G

<400> 4282

nnggatnnncn	cgcgtcnnccg	cnatgtgcna	nnaacacnan	tgtgtgntgg	ngcnctngtn	60
-------------	-------------	------------	------------	------------	------------	----

ttttacngnt	gatnacnnag	atntttntnc	tcccnggnga	cgattgnaat	cctanacaga	120
ctacttggtg	ctntttgcag	gtacccatcg	attcgaatnc	ggcacggagg	cnancannnn	180
tnngggacnng	gnntaantgg	cgncgnnnnt	nnnnacnana	gggnacgnan	annnttcnta	240
acaccttnnn	angttaatnn	actntgcagc	mntannnnct	ccntaanngn	nngtancngn	300
nntnaggntn	nnngcagtna	cnaantangc	tacagnnnac	gntnaaatnn	ttngnnnnnn	360
naaaantgan	ggagncaa	agtgnntgnt	gnanncgtn	aanatnnngn	cagatnggtc	420
atnnggnnnn	tnnttnatnt	ggnaacntan	ttngnnantn	ntngntnnag	catnngnnag	480
natnntnata	tntntaactg	ntntgaccaa	atncatnaac	nnaattactg	nanganaanc	540
ngccntnttt	ntnnntatng	ntancnagan	ngtgagggcg	nnngagtgan	gatgtgtaga	600
annagntnng	aagtnatgcn	acacgtttat	atgtnnctnt	tatcagngga	ananngatnt	660
ntannngntg	acngnnntnn	ngctaaagan	aanaggnnna	gcgaganngn	agnntctgt	720
acagantccc	ncnaantgtn	ngnccgncga	anaatcnata	taattcnnta	tggttatcnn	780
tgtagggggcg	ttcnacacga	tnaattatac	tnacgattcg	tangttntct	acncaatanc	840
gcncgctgnn	anannntctn	anntcgcgaa	actatagtan	cnncgnnagg	gnaaagatnc	900
annngttagc	caattaaana	cnangcantn	nntgnnggan	atgtacgtaa	ccatantggn	960
tacntactan	ntacatgng	ntntatnttn	tgncgatgat	atcgtanant	atatagtncg	1020
antgatntat	natnctctac	tnatagantt	gtatntnnac	anaagatnaa	tatctacatn	1080
tantancana	gatangctgc	aaatnactgg	ngnacacntc	atanataana	ccnncaanan	1140
tgcgannnat	catnatagag	tgactntatt	atannaaaaa	taaccantnc	gtganatnga	1200
nnntnaatnt	acgtgggtng	atgatecgta	cgtanaaccn	cngnnn		1247

<210> 4283

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 4283

cctgctgtng	gganatatana	ncgtgctcnn	tttgacttct	cccgnatggn	ccatcnacnc	60
gacgagccta	acgcttgtca	actngnggga	tcnganttn	agantgactt	tgtgncatnc	120
ntgantanan	ctgtangttn	gtgaaancca	nactacnnng	cctcngnctc	atcacctctt	180
acacattecn	nanantnnn	cagtctnnan	aangagncnt	ngatnannaa	naagagnctn	240
tgnannaaca	ggntntnnna	gcnnngnnnn	actnanagcn	tgngaantga	ncgnnnnctt	300
ggctctgngtc	cggttaagaag	acancantng	cncannagcn	ggnnanncgn	caggccantn	360
aangnagent	gcgntnannt	tnnatgaagt	tgagnatggt	naacnnaatn	tcnaacngnn	420
ctntgtncnt	gnnnngnnaca	cntgcctgan	aancntanan	ancnnngnant	agantncnnn	480
aacncngatc	ttatanncac	tttgaanaa	gcactnatcn	cctnacnggg	catcctnttt	540
gagancagga	canctgttgn	ngggacgccc	catgacacng	gccagaana	ctccgggttn	600
tttgnntttc	agcnnnaaan	ggcgaagtga	tttcctnttn	cntncngngn	acncatnggc	660
tcatgncccc	cctnaaannt	ntttannngn	cntcgntana	caccctnnat	ngcnaanggc	720
ccaangntnc	nanttcgcna	ccntttacca	tnaaggatat	taccnnaacc	gtgccctttt	780
gantngccag	ncnattgggn	ntttntttgn	accatttngg	naaaggggca	aantntttan	840
ncgtcnc						847

<210> 4284

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4284

gncntttgan	ttcatataca	agctacttgt	tctttttgca	ggatcccatc	gattcgctgc	60
agcgtctggn	gtttncnttg	cagncctcgg	aaccagnacc	tcngcgtggc	ctacagagtt	120
atggcgacaa	naggccgtgt	gcgtgctgaa	tggcgacggc	ccagtgcagg	gcatgatcna	180
tttncagcng	aaagananta	atggaccagn	naacgtgtgg	ggangcattn	aaggactgac	240
tgaangcctg	catggattcc	atgttcatga	ntttngagat	aatacatgag	gctgtaccan	300
tgcaggncct	cactttantc	ctctatccan	aaaacanngt	gggccaangg	atgaanagag	360
gcntgttgga	nacttggnca	atgtgactgc	tgacaaaaga	tgggtgtggc	nnatgtgtct	420
attgaagatt	ctgtgatctn	actctnagna	gaccatttgc	ntcattggcc	cgtacactgt	480
tgggtccatga	naaaagcaca	tgacttgggc	aaaggtggaa	atgaagaang	tacatngaca	540
ggaaacgctg	naatgatttg	gcttgtngtg	taattgggnat	ccccnaataa	acatcccttg	600
gatgaagctt	gaggcccttt	aattcatttt	ttnantccng	nnaccttggt	aantggnaen	660
tggaaacactt	aaccctttnn	tttnttaaaa	ggagaaaanng	tnttntnttt	nanangagtt	720
ttttaanccc	cttggtcgan	aaaanttnnt	tttnnatttn	t		761

<210> 4285

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4285

tnnctaatan	nanaatnctn	cttnttgntc	tntttgcagg	atcccatcga	ttcgannntnc	60
ngangaggag	annctgtcgg	ncatgtgggtg	gaancnggnt	ncggacntgn	catngnctng	120
tgccntgtna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atnctgtgtg	nannaanngg	gactaacatt	attggtgcgg	ctnccnaagc	atggtntcnt	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnnctatn	300
aagttaaactn	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	nntggcaacn	360
cgagacactg	tnngtncaag	agcgcnnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcnctcaa	tacnccggtn	acnntnnnna	ggacngntca	480
ttattangcn	ctcctggact	gnaccgnact	tgtctctgna	canggatnnn	ccnctgntct	540
tanaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttggnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttcncannt	tgcantnagc	720
tngccntcca	ngaaaacctn	gttttcocgg	ttggganata	aaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4286

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4286

tnnctaatan	nanaatnctn	cttnttgntc	tntttgcagg	atcccatcga	ttcgannntnc	60
ngangaggag	annctgtcgg	ncatgtgggtg	gaancnggnt	ncggacntgn	catngnctng	120

tgcctgtgna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atnccgtgtg	nannaanngg	gactaacatt	attggtgcgg	ctnccnaagc	atggtntcnt	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnncnatn	300
aagttaaatn	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	nntggcaacn	360
cgagacactg	tnngtncaag	agcgcnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcnetcaa	taenccggtn	acnntnnnna	ggacngntca	480
ttattangcn	ctcctggact	gnaccgnact	tgtctctgna	cagngatnnn	ccnctgncct	540
tanaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgcctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttggnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttcncannt	tgcantnagc	720
tngecntcca	ngaaaacctn	gttttcccg	ttggganata	aaaacnggga	ncttgggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4287

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4287

gncntttttg	aattcanata	caagctactt	gttctttttg	caggatecca	tcgattcgct	60
gcagcgtctg	gggtttccgt	tgcatgcctc	ggaaccagga	cctcggcgctg	gcctatcgag	120
ttatggcgac	naaggccgtg	tgctgtctga	agggcgacgg	cccagtgcac	ggcatcatca	180
atttcgagca	naaggaaagt	aatggaccag	tgaagggtgtg	gggaagcatt	aaaggactga	240
ctgaaggcct	gcattggattc	catgttcatg	agtttggaga	taatacagca	ggctgtacca	300
gtgcangtcc	tacttttaat	cctctatcca	gaaaacacgg	tgggccaag	gatgaagaga	360
ggcatgttgg	agacttgggc	aatgtgactg	ctgacaaaga	tgggtgtggc	gatgtgtcta	420
ttgaagattc	tgtgatctca	ctctcaggag	accattgcat	cattggccgc	acactgggtg	480
tccatgaaaa	agcanatnac	ttgtgcanag	gtggaaatga	agaaagttca	aagacaggan	540
acgctggaag	tcgnttggct	ngaggtgtaa	ttgggatcgn	ccaatnaaca	ttcccttgga	600
tgtagtctga	gcccccttact	catctggtat	cctgctagct	gcagaaatgt	atcctgataa	660
cnttaacact	gcattcttaaa	agtgtaatg	agtgactttt	canagtgtct	taaagtacct	720
gtagagagaa	ctgattatga	tcactt				746

<210> 4288

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4288

nnatatnang	gnnnctnntt	acttgcctcn	tctgcaggat	cccatcgatt	cgagaccaac	60
ccgcctgcag	gaggctctga	acctcttcaa	gagcctctgg	aacaacagat	ggctgcgcac	120
catctctgtg	atcctgttcc	tcaacaagca	agatctgctc	gctgagaaag	tccttgctgg	180
gaaatcgaag	attgaggact	actttccaga	atttgcctgc	tacactactc	ctgaggatgc	240
tactcccag	cccggagagg	acccacgcgt	gacccgggccc	aagtacttca	ttcgagatga	300
gtttctgagg	atcagcactg	ccagtggaga	tgggcgtcac	tactgctacc	ctcatttcac	360
ctgcgctgtg	gacactgaga	acatccgcgc	tgtgttcaac	gactgccgtg	acatcattca	420

gcgcatgcac	cttcgtcagt	acgagctgct	ctaagaaggg	aacccccaaa	tttaattaaa	480
gccttaagca	caattaatta	aaagtgaac	gtaattgtac	aagcagttaa	tcaccaccca	540
tagggcatga	ttaacaaagc	aacctttccc	ttccccgagt	gattttgcga	aacccccctt	600
tcccttcagc	ttgcttagtg	ttccaaat	agaaagctta	aggcggccta	cagaaaaagg	660
aaaaaaggcc	acaaaagtnc	cttttacttt	cagtaaaaat	aaattaaaca	gcagcagcaa	720
ccaattaaaa	tggaattnan	gaaccaatga	aataatnttg	ng		762

<210> 4289

<211> 1563

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1563)

<223> n = A,T,C or G

<400> 4289

gngaannaaa	ggaacgaccg	gnaaaaangn	naccgcggcg	nnacacngacn	gnnaatacnn	60
ngcgacgggn	cgtgnaaaag	ngngagggcg	naagtgggcn	naaataaana	aaacgcggcg	120
agagcaneng	ngaactann	tngcagaaga	gatggtnnan	gcacggagng	gnccgttttt	180
gaaaaccncc	tcggtncaan	gccccncgga	naaatngtac	gcgtgngtaa	gaaagggcng	240
nnaccgtgna	aantcgtgcc	gnntggagcg	agcgnagaaa	anncaagtgc	naagacgacg	300
aantttttgt	gncncnagt	ngaanannag	gtggcnacg	ngggnggggg	ggggnngna	360
gangngaata	gtagnngnan	gntaaaanac	ncgcgngng	gacacaaaag	angganancn	420
natgnggnna	gagaantnng	gtaancgng	nnaggagaag	cgnnngnana	ggngnaggta	480
tngnangagc	gnancannng	atncgagggg	aaagcggngc	gagaaacatn	nntnacgaca	540
atggngcgag	aggaaacggn	gcngcggaan	nnnaaannaa	ntagagagan	acnngnagnt	600
ggnananaaaa	ngngggngga	ggaannggn	nnganggaga	tagagncacg	gggcgtgana	660
nacaaacaga	aagtgcgtg	nnatagangn	ncgnaacntg	nangangngg	catannnngg	720
gananagata	anntccnaga	tagagacgac	ggggcgcnta	nnngnnnaga	ttgncggaca	780
ancgctgatg	cgtnccnnang	ntgagagaaa	gcgngncan	ctcagggggg	ggaagggngg	840
tgtagnagac	gnacncaa	ggagaaagaa	cggtggaaga	caacgacgcg	gngnacacac	900
gntngagacg	tgggcaaaca	nagcncangn	tnantngagt	gngncgatgt	aagtgcantg	960
aaacatacna	nctcggngng	agggnataan	aanaggaatg	ngnggnangc	gaaganaagn	1020
ntntnctgta	anaactagan	ggncgcanaa	nnnggngagg	cgaagacgat	gannnangan	1080
aaaggnggat	cnaacggann	nncgatgcn	attntggcnc	acngtaatat	atggannagc	1140
gaggacatng	gcgnnngaga	angccggaan	gacggaagat	agaatgnaan	attgngggga	1200
gngnnagnaa	tgaacgnnna	ngacngcgag	gtttgngagn	ggagnangaa	ggggagggac	1260
gacgagggtn	gtagnggagn	nggacgagtg	ancgcnagtg	gagatncaag	gacgaagana	1320
nacnnngngg	anncgtagnt	cgcgataacg	nnataangag	nnanagnnga	nncanatacc	1380
gaanncnaga	nncacgtggn	ganntgcaaa	aaaagaancg	ggntnggcan	gacgatgcgg	1440
nnngagaagg	ganaaatnac	ncaggggaann	tggngngaac	nncaatangn	gtncnangcg	1500
gaaaaangng	ngataaggna	anganggata	gcnancgggn	gacnanngt	ncnagnagaag	1560
ccg						1563

<210> 4290

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4290

gaagtngctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tnacgtgtcg	ncggggcggt	60
cgcgaacttc	agggtncctc	aacggagagg	ccaggcnccg	cgtggccnga	caactncctg	120
nccgctcctt	cagcaagtga	ctgtctntnn	cactncttac	ctgctgaang	atctngetca	180
gcngctggaa	caatgctgct	gtnacacant	ctcnnctntg	cnacttnagg	atgctncttg	240
gtcaccagg	antggganct	gtagaccngn	cgcattgcact	tncncnecat	tcactgctga	300
ctggcttanc	tggnatangt	tcnagngacc	gggacttntc	ttanagtcag	nagccctcnc	360
aactacntca	taccntcgca	tctgannatt	ttcacagagg	nnttntcttn	gaagnngact	420
tggcaagnct	tacaagtga	tnnatngnna	ttggnaantn	cnthttcttca	aatgctaaaa	480
ntcatgtcct	cataaatgca	antgatttta	gancacaann	tccccatgta	cannttccat	540
tanttaaaact	agaccaatgt	gtacgggtca	tttgnggtat	tgnggaacat	cnnggttact	600
ggaaangact	attaanattt	cacagatggg	cttnatcaan	ttgctangaa	ttngtctcnc	660
taagtgtagt	taacttgacg	aatccaactt	aactncnagn	nnaantttca	aaactgatnc	720
tgtgaatgga	tggggancat	cttaactntt	ng			752

<210> 4291

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4291

annnnnnnnnn	nnnnnnngnnn	nnnnnnngggn	nnnnngnnnnn	gnnnnnnnann	nnngnnnnnnn	60
nnngnnnnnnn	nnnnnnngggn	nnngngncng	atangnagac	ccgttnatac	aacgacccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacagg	nganacagnc	nnagaaaaag	240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnaaacacn	nncaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanacngc	agcaaagnca	gcanaganac	gcaaaggnac	aaaganannng	480
agccaggcan	nagncnagac	acagnaagg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgncac	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncnagagg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgngngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggngggccc	ggcnacagng	gccacgncnn	cgggggncnn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggnncnccca	gnccgggggn	aaccggggng	ggaaacccca	nccncggagn	gnaaaaagg	840
cccaaaaang	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4292

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4292

aangnnngng	ggntgtnttt	nttgngtggg	ntgttattcn	tggcgctctg	gctacttgnt	60
nnatttgnat	gnatncgggc	gntncgannn	gntgtntctgn	gttnnatctt	ntaaatngct	120
tgtccttatt	atgttgttgn	ttaacanctt	aaacgctanc	tctagaccag	gaataattat	180

ttgctatata	ttacagcaaa	aaatatgtat	gtntaaatgg	actcattcaa	gaatatataa	240
gngaactcct	attacaaaga	aattgncaaa	cagcccagta	tatnaatgaa	tataaaaatt	300
tgagaagata	ttttncatng	naagatntcn	aantgaacat	tnggcattggn	aaaaccaa	360
tttaggat	nactacacac	tctggncatg	tttaaaagac	tganaaatatt	aagtgtgtgg	420
naatgtnnan	caantggaaa	tggcctgcat	ntngcatnga	aatgtaaaac	antacatata	480
ctntgcaaaa	ctctgtccaa	cattntctac	ccattnacca	agcaactnca	tcncctagct	540
atanataccc	agggaaaata	agtanggtat	cttcacagaa	atnattgtat	gaagaaatat	600
tcatagttac	ttattgcacn	tgtcagttat	cangtnaanc	tgtctcncat	cnggaaaaat	660
gggatatcaa	aattgggtgtg	gataatnaat	acaancaatt	agggatatta	cttggngcna	720
aacaaaaaat	gaanacangg	ggaaaatnca	cattcaaacc	aaantangtg	gcatattata	780
cccacg						786

<210> 4293

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (866)

<223> n = A,T,C or G

<400> 4293

angcnagagc	ccacggaatt	tncatgcctt	tatcgagncn	gcnccegcgc	ggannnaaac	60
agcnggacnt	gccncacgag	nggantntgc	nctttttttt	gggccgncca	nntcccacag	120
ncngangggg	ggttaatnnc	ngaacgctgn	agaatannta	ttgatgagca	ncngagaagn	180
aacatgnnca	tggccaccag	gcncgnccac	tcacngcaaa	agtgaccaag	ccagcangtc	240
acccttaact	ggcagaaaac	aanatcaggg	nggnagnccg	gacttnaaat	gcnnagaaac	300
ctgtagnatga	tggaagggna	agaaaaattc	agnatggana	anaanaaten	gggcacncaa	360
acaaattcac	tganaantcc	anaagnctat	tnanaaacia	gatagcnatg	agtncanatc	420
natccnantg	gncntntaat	nntacaacca	anccttaacc	ttccactcta	aagggaagga	480
atactangaa	tggattacnt	ttccggggta	nnataaancn	gggggnantaa	atgatnangg	540
gaaancccaa	aanctacccn	nnantcnang	gantntggaa	tnccttactc	ttcatcaaga	600
ncatttccag	nttctaaggg	gaccccttta	cnaanttnaa	aanggattcn	annttggcnt	660
ctnaagnngg	ntcgcccggc	cccnaaaaat	natnataatg	gaccnggggn	tcaaangnan	720
ctnacnggaa	aaangaaagc	ccggnaaagg	accaggcntt	tccaagggaan	gaagggaaaa	780
tncccnegaa	ancccccgga	ataaantca	anggggttac	acaaaaaagc	catccccncg	840
aattaanccc	aaaaaattgg	gcagcc				866

<210> 4294

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4294

ggnnnnnnnn	cnggnttnnn	nnnttgcttc	tnagccttng	catttgactc	ctgcaggatc	60
ccatcgattc	gaattcggca	cgagcttttag	ttcagataaa	ggaaacatcc	aaaaatactg	120
agatgagtaa	aatttttattc	aaagtagggt	cctgctttgt	cttgatctca	atccattcta	180
actcctgatg	tcattttaccg	tgtgagatct	tagtacaatc	atgaaaagaa	tatgagcatt	240
tatcaaaact	ctctgacatc	tgtatgttta	gaaatgaact	tacacagcaa	aatatgattt	300
ccttgacatt	atttaatttt	tctaaactca	atttctacct	atgtgtctct	gccagtttga	360

cctgattcag	acacccagaa	cttgaataaa	gaagccctct	tctattttca	ttcttaatga	420
atataccttt	tcccatgtcc	acattgagcc	tcccttctgt	gtactctgct	aatgcagcca	480
catgtctagt	tccccctctc	tgcaccaccc	tcacttcttc	tttcccatct	tcttacttct	540
ttggtgtgac	ctctctgtag	gacaacatgc	catttctgat	tccccacaca	cataccctat	600
cattgatacc	taccctcang	gattagaatc	tggctagtaa	tttgggaagag	cccacaaagg	660
ctttagtaaa	gtattggact	ggnaagtcaa	caccatttat	ctcatcaaaa	gggatgctgt	720
gttgggggca	nanggagaga	gagagagaga	gaccganaga	gagacagacn	gagagagaga	780
aaggaat						787

<210> 4295

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 4295

ggnttnnnnt	nntgccttan	aagccttgcn	tangatgcn	ttnggatccc	atcgattcga	60
attcggcacg	aggggaacat	gagaaccgaa	gctagaattg	ctattgaatt	actttatttt	120
ctcttccctt	attgggtaga	gatacatcat	tactggcctc	aggggtttac	ccaaagaaag	180
ggtatTTTTg	agcaaataat	gtgatttcct	ggctatTTTg	ttgggggctt	aagatTTTTt	240
TTTTTcaaat	gcattTTTTg	tcactaaaaa	ttaactgtcg	taccatctag	aactatactg	300
tccagtacca	tagcctctag	ccgtatgtan	gctatTTTgta	ttaagattaa	ttgaaTTTTt	360
aaatccagtt	cctcagtcac	actagccact	ttctaagtgc	tcagtagctc	tgtgtgacca	420
gcggctactg	tattggatat	tatagaaggt	tctttcattc	aagatcatca	ttcttgacag	480
accataaat	atttccctata	aagactgtag	aagtgtgttc	tggagggttt	gctctccaaa	540
aagaattgta	atatagagta	gaattgggat	agagtattga	anacactggg	tttagacatt	600
ggatattTTta	aatgattgng	gtgttcaatt	catgtgctgc	ccaactggag	ttatctagtg	660
gatattgacc	ctcactggct	tgaccaaag	cccggaatag	aaaggcaggg	aattcctgaa	720
attctaattct	taaaaatttg	gcaatggaaa	aagccctttt	nccctaaaat	tantcccatt	780
nttgtaaatt	ccttg					795

<210> 4296

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 4296

taagttgctc	tggtctTTTT	gcaggatccc	tcgattcgaa	ttcggcacga	gactggagtt	60
aaggaggtag	atgacttctt	tgagcaagag	aagaacttcc	ttattaacta	ttacaatagg	120
atcaaagatt	cttgtgtgaa	agctgacaaa	atgaccagat	ctcataaaaa	tgttgccgat	180
gactatatcc	acaccgcagc	ctgcttacat	agcctggctt	tagaagagcc	cacagtcatc	240
aaaaagtacc	tattgaaggt	tgctgagcta	tttgaaaaaac	taaggaaagt	agaggggtcga	300
gtttcatcag	atgaagattt	gaagctaaca	gagctcctcc	gatactacat	gctcaacatt	360
gaagctgcta	aggatctctt	atacagaagc	accaaagccc	tcattgacta	tgagaactca	420
aacaaagctc	tggataaggc	ccggttaaag	agcanagacg	tcaagttggc	tgangcacac	480
cagcangagt	gctgccagaa	atttgaacaa	ctttccgaat	ctgcaaanga	agaactgatn	540
aatttcaaac	ggaaganagt	ggcagcattt	anaaagaatc	taattgaaat	gtctgaactg	600

gaaataaaaac	atgccangaa	caatgtctcc	cttttgcaga	ctgtattgac	ttgttcaaga	660
ataactgatat	gccttcctca	gaagaaaaga	aatgaatgtg	aaagaaagcc	agcctcactg	720
ccttaaatca	ttacccgga					740

<210> 4297
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 4297						
cccgcatata	aanananacc	cngngnacna	annacacacc	cannaanana	taatanngcn	60
ataagnnnac	angggggaac	aggggantn	ggncgaatga	ngacnncaat	tnacagggnat	120
ttaattccaa	nncnntnana	ctacngnccc	nnaatcnna	cgagnatnca	ncccaagnag	180
nancngacan	tcagangagc	gtnttacaan	nacngcaann	acnggaccag	ncnggancca	240
taangggggn	caaancanna	nttccangga	tcangcatag	tacnacnct	gaatnggtac	300
cattncnact	ttacnncnga	cnaacaagta	tccctgntgg	cctnaaaatn	caagttgaaa	360
atnaantcng	aantctncca	gancaaan	gacatncann	ccnatnnnt	anantacnaa	420
ntatcnaatg	ntanaaatcc	atggnnnaaga	cataaaaaact	nncagctata	naaanantcn	480
ntaaanggct	attnggatnt	aaaaaccana	tnatnnnacc	ntncaacnac	ctannnnntna	540
agaaancann	tnnncaanaa	ntacnancca	atnnncagan	ggacgnnaaa	tgnnnacant	600
cangaaattg	aaaccngana	agncccnatn	naangnnnta	aaaacntcag	cggcaaatcc	660
cncatnccac	naanggnntn	ncggaaaang	gnnnntaact	ggntaacncc	natantntaa	720
aacgggaacc	atcgccaatg	cgtncgctan	ccaacanann	taaancgatc	nacannacca	780
cagnnnenta	ttnaagaatc	tnganannca	cacttacnna	ttcaaatagg	ngnntnnnn	840
tgntatnta	ncnnatnngc	cacatctnat	ntatcaccnc	annctcann	ntcnnacanc	900
atggagagca	tntcnggana	caancngtg	annancacat	cncancann	cgaaacncca	960
nataatntacn	tgggtantca	ncgcgnaact	gcgcgcgcgn	agnatnagat	cacattatnt	1020
gatactacag	ctaaanngac	acacattaca	nngtntntac	anaaatactn	tacnntcnan	1080
acncnntaca	cacaaaaatt	acctcanagg	gaganannta	catatctnaa	aacanccecn	1140
anantnancn	naaaagactc	cntacgcgna	nanagtgcgc	tctcgnaann	g	1191

<210> 4298
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4298						
ntnecgtttnn	ntanaacntt	gntcttttnan	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggctcact	taaatacatg	tttgtatata	120
ctgtattcta	gccagaataa	ttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcattca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgctcagtg	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atttgggggt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttctctgtc	tccgctgctc	ccacagtagg	tattgaaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aatagataca	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaagat	gctgtggtgg	atgaggttgg	agttcgaaag	aagaagcaag	540

cgctggcctg	ccttgaaaga	accgaagtct	ttcccattca	cttctctaga	aagctgccaa	600
ggacagaggc	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggg	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttcctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4299

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4299

ntnctgtttn	ntanaacntt	gntcttttnan	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggctcact	taaatacatg	tttgtatata	120
ctgtattcta	gccagaataa	ttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcaccca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgctcagtgct	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atgtggggtt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttctgtgc	tccgtgctc	ccacagtagg	tattgaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aataagatata	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaaagat	gctgtgggtg	atgagggttg	agttcgaaag	aagaagcaag	540
cgtctggcctg	ccttgaaaga	accgaagtct	ttcccattca	cttctctaga	aagctgccaa	600
ggacagaggc	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggg	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttcctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4300

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 4300

gctnntgacc	annntanngn	tnggaatcnc	antcgttnna	tngcncntng	attcgaattc	60
ggcactngnn	gtctnntcgn	tctgtgttgg	caagggttag	ttaccaagtg	agcaagatng	120
ttccctncta	acaggctccg	acgggtgaac	agtntgngtg	ntatccatac	ncaggcacat	180
gccatcggct	tacagcangg	tcctcaactg	gtgcctgctg	gccctggggg	angaggcaaa	240
gctgtggctc	ccagcaaagc	agancaaaaa	gagttcgccc	atggatcgaa	cantgacnag	300
tatcngcnac	gccgagagag	gaacatcatg	gctgngaaaa	agagccgggt	gaaaagcaag	360
cangaaagct	caagacacac	tgcaagagtc	aatcagctca	naagaagata	atgaacgggt	420
ggaagcaaaa	atcaaattgc	ntgaccaagg	aattaaatgt	nctcaaanga	tttgnttctt	480
gagcatgcac	acaatcttgc	agacaacgtn	cagtcatta	ncacttgaaa	aatttcgaca	540
agcagatggg	ngncaatggc	acggaccant	tgacccttaa	ccccttttcc	aagactttta	600
naagcttgna	ggcttttgaa	tggctaaaaa	ggtgtgtggc	cccccggnaa	cctcnnatcat	660
tgtcanengg	gentnaaaaa	ntttggccca	ttnttccent	tgaacttcan	nagnacccca	720
tttggttaggc	ctatttttcc	tgggggannn	aaatccctnc	aataantnt	nnnttnnnnc	780
ttaaaanngn	ttnnccnttn	ngnatcccg	attatccngg	gnttttaaaa	nggatnanan	840
ggntttttct						850

<210> 4301
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4301

cnatcatctt	tgntttctata	ctcagcttgc	ntgtanagna	ngtccgggtt	accgnncncc	60
anngtaccct	atanngantn	gtantacaaa	gagactnann	gcnnntnaa	ggccgcgtta	120
ctacananna	cnnantngtn	acncnctngn	atcaccnanc	ttaatctcct	tgtancacat	180
ncctnctttt	gccagctngc	ntgatngcga	agaggncct	accnatcgcn	cttncaaaca	240
gatgnggcaa	actgaatggc	aaatggacnc	gccctgaacc	cncgcatnaa	gcgctgttgc	300
tgtgcagggt	accgcncag	tnacccanta	cacttnccan	cgccctagcn	ccctttcctt	360
cctttctttt	tcnttacgta	cncnnaatnt	gcgnnggatn	ntnnnantaa	gctntnaatt	420
ttaggcttcc	natacngtnc	ntaantagng	ctttaccgca	cntngatcnn	tnaaaantng	480
nntanggtna	nggggtcanat	accgtgccat	acccttgtag	accnttnntt	ncctttgaac	540
gtngaagtan	atcgttcntt	aataatncac	tcttggancc	aaactggaac	cananctcga	600
cccaatctnc	nggntatntn	ttnggattta	taaagngatt	antgcccttt	gtnnnaacta	660
ttggggcttg	anatntgncc	aanattttta	cgatgaaatt	ttaaaccgcg	aaattttaac	720
ncaaaaaatt	ttaccgcttt	ancaatgtta	tttggaatgc	ctntaaaccc	cctttntann	780
tcnctcccc						790

<210> 4302
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 4302

catatatctt	tgattccntt	naacccttnc	naactacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	ccaacgatct	gtatcaacca	cgtcttcatt	ttccttttcc	120
tgtttgnctt	actctcccc	caaaaagagt	cagtttcttg	ttttctcaat	ttctcagttt	180
aaaattagag	ccctatggca	ggtgccatgt	acagctgcaa	aggtggcaag	aagccctgag	240
aaagctcaag	aacaggtcaa	gggggtgggt	aaggaagatg	ggacgttcaa	gcagaaacaa	300
aaagaggagc	taaaagtga	agccaccccg	ccaccagccc	tcaccagtca	caggtggaat	360
taaagaaatc	tggcaaaaa	taaattttgt	tatccgtgct	tggggcggtg	acccttgacc	420
ccatttcctat	ttaaaccatct	ggattctctg	ccataacatc	ttttgccacc	tatagctaca	480
ataaagtgtc	gtcttggagt	ctgttgtaca	tttaacaata	aactttttgt	naggaaagta	540
aaaaanantc	tacagttcaa	tgcaggatan	ggatgggtgg	gccttaattc	aggaggtggg	600
aggctcaaaa	tcaattactc	tgtttganga	gatggaatct	nctggaatct	caaaaangga	660
tttnccttta	ngaactcatca	agactcatcc	cgacttcgtc	aagtcttttc	tcttggtggg	720
agttatgggt	ttggntttta	attttngttt	tggttttttt	ttttgggggg	ggnaa	775

<210> 4303
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4303

gtttcataca	agctaactng	gttttttttta	aaagccccgt	ttccccaatc	ggnattttgng	60
gtgcnaactgc	ggggaggagg	ancccntacc	ngangnacc	naattgcggg	ccacgggagg	120
gcgtanacac	ttttnacngn	gtanatggcc	ggagnnggng	nttttancca	nattttantt	180
nntgggcncc	ccngtgctc	tggtcagncc	tttaagtgg	tnaanangca	cgngcctanc	240
ccctaantta	aaatncccca	gnanaanact	nttgcgcnat	naacatcact	gannggtgtt	300
tctnatagta	tgntntacac	ctatnacant	ttccctcaat	antnattacc	tgtagngcaa	360
gtggncanac	ttnanngcag	agtnaactnc	angnggttcc	tnaatngggn	natntcggac	420
ngtctngtan	anttgacaac	gnaaatat	gacgncnatn	ggaaaatnat	tgtngntatg	480
caaggcnttg	cgnggtccan	cntantnctn	atgttgaaaa	tncganttat	aactnntatg	540
angctgcttg	ttnnatttga	naancntttc	ctaanttctt	tganncgna	attaaanann	600
tngttnttga	natnganagc	ntaacacccg	ctacaanate	tagnttgnac	tnaatgntga	660
aaactccgaa	cctctgngaa	attcatgttt	nattttgatg	aacngggcct	ccaatntntt	720
attcggnttt	ntannnggac	gnnacctgtt	gatanngctt	ttttcttttn	cntntnanng	780
aanaatnaac	ctanntaact	caaangcnct	anttgatctc	antaaaannc	ngantgnaan	840
tnncnattga	ntttnaaagc	gggntttant	ttaaaanaac	ntcccttttg	ggngctgtggg	900
tngttgncna	cncnanangg	tgnaaaattt	tttttttncg			940

<210> 4304
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(881)
 <223> n = A,T,C or G

<400> 4304

annnnnnnnn	nnnnnngnnn	nnnnnngggg	nnnnngnnnn	gnnnnnnann	nnggnnnnnn	60
nngggnnnnn	nnnnnngggn	nnggngncng	atangnagac	ccgttnatac	aacgaccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnggg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacagg	nganacagnc	nnagaaaaag	240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnnaacacn	nncnaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanaacngc	agcaaagnca	gcanaganac	gcaaaggnac	aaagannnng	480
agccaggcan	nagncnagac	acagnaaagg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaa	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncngaggg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgngngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggngggccc	ggcnacagng	gccacgncnn	cgggggncnn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aaccggggng	ggaaacccca	nccncggagn	gnaaaaaggg	840
cccaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4305
 <211> 891
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (891)
 <223> n = A,T,C or G

<400> 4305

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncagg	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcna	120
ngncnntcat	tgaatcaaac	tggaataac	gctggcntgc	tgctgacgac	tctgnggcta	180
ncaaggtnct	anactcnaa	aacatgangg	tngtnaganc	ctcncgaga	catnccaata	240
tctgctcctc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganacacga	acatgatgna	aagcccacca	tnaccnntan	agcncttaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	ggtgcnngc	480
ngacnatggt	aaanggacna	atnattcggg	tgatgggact	gnantgtgan	cnggnnctng	540
naattanggg	gccanncttc	tagggngtc	ccnncnctg	cctntcnntc	canaaatgcn	600
tanacgctgc	ttntacctgg	gaagngnatg	gatgngnaaa	gaaacncnt	nnnttgngn	660
ctttgccaca	cnncnnggg	aaacttttga	gncannaaaa	naccncnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccctttac	780
agggnaccgn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccgn	ttttttacag	nttngaenca	aaaantttaa	agggaaancc	c	891

<210> 4306
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (770)
 <223> n = A,T,C or G

<400> 4306

ntcnnccttt	aanccentat	ccttctcnaa	acctttggaa	cgencnctnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnggt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtg	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcagg	ccagtcactg	caaaagtgc	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaaat	tgagagagaa	cctgtaagta	300
atggaaggtn	aanaaaaaatt	acanaatgga	aatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttta	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tggttagata	atctggtaat	aatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagttggt	ccttangggg	tcnttngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	gggttagaaa	gcntccctgn	atatcnaaaa	ttgccanttt		770

<210> 4307
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (732)
 <223> n = A,T,C or G

<400> 4307

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ggnggggnttt ttnatatana cangctactt gttctttttg caggatccca tgcattcgaa      60
ttcggcacga gggccctcat ctccagctaa ctgtggagaa gcccctgggg gctccctgat      120
taatggaggc ttagctttct ggatggcatc tagccagagg ctggagacag gtgtgcccct      180
ggtggtcaca ggctgtgect tggtttcctg agccaccttt actctgctct atgccaggct      240
gtgctagcaa cacccaaagg tggcctgcgg ggagccatca cctaggactg actcggcagt      300
gtgcagtggg gcatgcactg tctcagccaa cccgctccac taccggcag ggtacacatt      360
cgcacccta cttnacagag gaagaaacct ggaaccagag ggggcgtgcc tgccaagctc      420
acacagcang aactgagcca gaaacgcaga ttgggctggc tctgaagcca agcctcttct      480
tacttcaccc ggctgggctc ctcatTTTTA cgggtaacag tgaagcttgg gaaggggaac      540
acagaccang aaagctcggg gagtgatggc aagaacgatg cctgcaggca ttggaacttt      600
ttcgtttatc acccaggcct gattcactgg cctggccgga anatcttota aggcatggctc      660
gggggaaaaa ggccaacaaa ctgtccttct ttgagcacca anccnnaccc aancaagcag      720
acntTTTTTT tt                                     732

```

<210> 4308

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 4308

```

gnnccagctc ttgttctttt tgcaggatcc ctcgattcgc tgtattcaaa cttatgagag      60
tataaaggat ctggagggtg gggatatgac tgacaaggaa aggctgtggc cacctgatga      120
ccctttccct ttttattaaa cgggacacac ctgtttccca tttcgtgtga gtttagtttt      180
tggtttggtg tggttggaac tgctttgaga atcctgggat ttgtgctgct gctgttattc      240
aaagatcaaa ggagtaaaac atagtgtctc ctaacttttt tccagcagca gcaagtggta      300
ataaacatga aaactgggtt gtagcagttt tgaaagaata gaatgcattc aaatgtaagg      360
ctgcttctgg atcattaaag ccagtttcat caaacagttc aacagagagc agcacttaat      420
accctttata cagcccattt tttcatagtt tcatttgttc ttgcccacaa gcttgaaatc      480
caggttaagg tatccagcct ttatcatata agcattgaca ttatccaggc ctagtcagta      540
gcagtagggg aacggggattg aaaaagattt gatggagagg aaagtatcta atattagtca      600
tgggtttgac cttaaattgct agacagtcgt gccattcaca aagtcagaaa atncagcagg      660
aagagacgct tttananggg cagagaatta gaggatgggt gtagtaatga aaatgatgc      719

```

<210> 4309

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4309

```

gggttnannt tcnaanngct gggctangcg ctttctgcag gancccatcg atncgttcgg      60
cacgagggtga cagagagcag ttgaaatggg tttttagttc ctatggaaaa gttgaagggt      120
tttgggtctaa ggaccagnca cagtgggaaga atgcatctga gaatgatgag cgcttatcta      180
acccccagat tgagtggcag aatagcacaa ttgacagtga ggatggggaa cagtttgaca      240
acatgactga tggagtagct gagcccatgc atggcagctt agccggagtt aaactgagca      300
gccaacaggc ctaagtgccg ggtnccttgg cgttgggtgac atgctgcagc ctggaactct      360

```

gatatccagt	gtgactgcaa	agctgtcttc	tcactgggtac	tgccttgtga	gtactgggtg	420
gactgtgggg	catgtggcgg	ctgcagatcc	agtgggttatt	nctaagncta	tgacaggaca	480
ggctganctt	gcntcanaac	cttctctgac	agacacggga	actaaatgtg	aaaaaccaat	540
aanctggaga	ctcatgaatt	cacacgagga	aaagcagagg	nttattnatc	tgnccttttca	600
acatttnttt	cctctgngaa	angaanggtc	anaggctttg	naaaagtggg	aaaactaatc	660
acatgggaag	tgtaagggcc	ancatccaag	ctaccaantc	ctaaangngn	caaanacanac	720
ctttnnggaa	aaaccnaatt	ttnnaagccc	gggntnnnnn			760

<210> 4310

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4310

ttnnaatngt	nncttccectt	tcctaatanngc	ttggcggtttt	tttccatttta	aaagtattttt	60
attttttttcc	agtcaaatga	ctagttaaca	agaaagagta	aacttatttaa	acatgctcta	120
attataaatc	actgcattaa	ggacaatgaa	aataatcaat	ttcggttata	caatatatac	180
agttgtgctg	caaccaaagt	aatcaggtga	atgaactgaa	tatcatacat	ctcaaaatag	240
catcctaagc	tgcatattat	gttatccacc	ccttaacaga	tcacacagtt	actcttagtc	300
tgtgtacatg	ttctgagcca	tcateccaga	tctgatggag	aatggcatgc	aaaatgccag	360
aatcctgcag	ctgcagttca	tgaaacataa	actttaaata	taaatagata	tctacaatgt	420
ttttcttttct	cttagttgct	tttttaattt	gcaaggagca	aataactaag	aaaggatatt	480
agcagggctg	ttaatataat	tctcctctgg	taagagtact	attagttact	gcacaatagc	540
acccaaattg	gtagactgga	aaaatatctc	tanggtattt	atgtcccagt	ggaacctgac	600
cggattaagt	tttggggact	gggagttcta	aatgggttga	tattgaaatc	aacctttaat	660
tccttaata	ntaagcctng	gcaacccaag	gtnggggtcca	aaaagggcnt	ggacctatta	720
aaaaattcca	ggattgncca	gggaagggat	ttgggttaaa	aaaattggan	ccnttaaggt	780
ggccaccttg	gtggccaaaa	aattnccat				809

<210> 4311

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (865)

<223> n = A,T,C or G

<400> 4311

ggaaannttt	tcctaanacc	tggaacaagaa	ncagnaaaaa	cgngnctngg	aaacttcctc	60
ttncnncnag	cannncnaca	ttgggnctgg	gcacgaggtt	agagtaagta	anagatntng	120
ccnatTTTTg	cacttaaanc	caagaaagag	agtcancaaa	tatttatacc	attctctcat	180
taagtgcac	tggttccata	aatttaaaga	cagcgggtca	cccatatcta	tgggnnttgca	240
ttncatgggt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacaat	ggaaaattcc	300
agaaataaac	aattcataag	ntttaagttg	catgccgatc	tgagnagcct	gaatgaaaat	360
cttacancat	ccccctncaa	ncaggctagg	ncatgacatn	ancccccttg	ccagccataa	420
tccaacactg	gttatggcta	cccaccccan	taggnaacat	antagccaaa	cnnggggtatt	480
caganccgan	cnggnctngg	gnaanccata	anatgnctcg	gagnnccaag	ggnacccctn	540
aaannntacc	cttaaaatag	ngganccccc	aaaatggcca	nngaaatggg	ccaaaanngg	600
gaaanaaac	gggccnnaan	ncnaacaaan	tanngntaaa	cgggnncatn	aaagnccccc	660

tnnaccagng	gccccaaaaan	nactgnaant	aaaaatccca	ntnaaaagggg	cnaataaaat	720
tnnanggnaa	aaaaacnagg	gngggaccnn	agggncaggg	gccccaaaaag	ngggncnna	780
canaaacan	cnggggancn	ntaaaaanct	atnancccgn	gggnaaaagg	ngngaancce	840
cggaaannnc	aaaanntncc	cttgg				865

<210> 4312

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(940)

<223> n = A,T,C or G

<400> 4312

ttenctttcc	cnctctctng	gaaacccttc	ctttctctaat	gttctctaat	cctcnnnnnnc	60
tenctctenc	tctttctctg	ceggctenggg	nncngtnncn	tnttgctttt	ttctcccgnt	120
tttnncnctn	gcenctacnt	nncngntga	ggagnccac	ctgcggagac	cgctgntnnc	180
nencannccg	ctngntgntt	cntgnccggn	tggetcanct	ccanccgctg	ntccccctn	240
nngtgncgcc	nngggntcng	tngateccnc	gatngccntt	anggetata	cgaatgnnca	300
tgccttccgc	accnncncat	tnannnccgn	gcctctgctc	cctctnacc	tnctgengac	360
tgnetgcacc	tccttgctc	tntgcncccc	nnntcgcccn	ggctcccacc	ccnngntgnt	420
tgccgntgct	tnncntgtn	tcnnggaacg	gcnnngnnc	cttnncccc	gnntcncgc	480
tcctggcenc	ctnncccntt	gnetgnttcn	neccccctnc	tnnnngnncn	ctnnccccc	540
tcnnntctc	nennccctnc	nnnncccccc	nnnccctccc	nnnccnncn	ctnccnnntc	600
cnnccccccc	cncccccn	nccccctnc	tcnctnctc	tcncccccc	tcnccnctnc	660
cctnccctc	cnctctnnc	nnnccnnc	nnnnnnnc	neccccnnc	tcnccnnc	720
ctccnncn	nccntnct	nnnnccnnt	nctnccnnc	ntnnntccn	cccccccn	780
nnnccnnc	ncntnnnc	ctnccnctc	tnntccnnc	nctctctnc	cnnnnnnct	840
cnnccctct	nnnctnnc	ctnccnnc	nnccccctn	nennccnnnt	cnnnncccc	900
cnncccnnc	nnntcnnc	tcnccnnc	nnntnntnc			940

<210> 4313

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1051)

<223> n = A,T,C or G

<400> 4313

cannccncc	nnaacnnna	tntcatcnan	ncacnannna	ancnnnta	cnaanatnct	60
ncgnacaacn	agngannnt	ccccccctt	nnaaccgccc	cttatgcnga	acccacgatt	120
cgaattcggc	acgagcccat	cgtgcgctgc	cccacgggtc	ggtaccacac	gaaggtgcgc	180
gccggccgcg	gcttcagcct	ggaggagctc	aggggtggccg	gcattcacia	gaaggtggcc	240
cggaccatcg	gcatttctgc	ggatcccnag	gagggcgaac	aagtccacgg	agtccttgca	300
ngccaacgtg	cancggctga	aggagtaccg	ctccaaaact	cannctnatc	ccnaggaaa	360
gccatcgga	cccaagaagg	ggagacagtt	ctcgctgnan	aacnggaaac	ttggacacca	420
anctnaccn	naccggcaat	ncccncccg	gaaantctna	aancgaaann	ancaacgnnc	480
atacacaac	acnnannnn	cnngnncana	ncnccnncn	cnnatnntn	naacntcnc	540
antctnncn	nnnccnctc	naccnanc	tannntnna	ntnctatcac	anannnagnc	600
cnnnnntcaa	caannaccn	nancannna	annccnanc	cnnnnntanc	atncannntn	660
cntcaacat	nacatannan	tanntccnaa	nnnctaatnt	anngcnac	nnccatctac	720

ncntntntn	aantgcctan	aaanacnnc	cncncaacta	anntcnacat	anacgcanna	780
natatatcga	acaaancata	acgnacnna	naananattn	cnngngnaac	tacctannat	840
antanaaaaca	ccnannacca	accanactcg	nccacnngcn	ctcnctncnn	nnngcgntcn	900
cncacacgctc	ngcnanccac	tntcttnccn	nncenncgct	nacnccccgc	tccatnatan	960
naccacaacn	nmntcataac	annntcgccn	anancgacac	ctnatctcgn	cncngnanag	1020
annactctaa	gncacanata	tntgttnacc	c			1051

<210> 4314

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4314

gatgctggnt	ncnnatgctt	gnngatecct	cgattcgaat	tcggcacgag	gaaatgtgta	60
tttcagtgc	aatttcgtgg	tctttttaga	ggtatatcc	aaaatttcct	tgtattttta	120
ggttatgcaa	ctaataaaaa	ctacettaca	ttaattaatt	acagttttct	acacatggta	180
atacaggata	tgctactgat	ttaggaagtt	tttaagtcca	tggtattctc	ttgattccaa	240
caaagtttga	ttttctcttg	tattacattt	tttatttttc	aaattggatg	ataatttctt	300
ggaaaacattt	tttatgtttt	agtaaacagt	atttttttgn	tgtttcaaac	tgaagtttac	360
tgagagatcc	atcaaattga	acaatctggt	gtaattttaa	attttgccca	cttttttcag	420
attttacatc	attcttgctg	aacttcaact	tgaaattgtt	ttttnttttc	tttttggatg	480
tgaaggtgaa	cattcctgat	ttttgctgat	gtgaaaaagc	cttggtattt	tacattttga	540
aaattcaaaag	aagcttaata	taaaagggtg	cattctctca	ggaaaaagcc	atcttcttgn	600
atatgtcnta	aatgtatttt	tgncctcata	taccggaaag	ttcttaattg	gattttacca	660
gctgnaatgc	tttganggtt	ttaaaaataa	taacattttt	aataattttt	taaaaggaca	720
aactttcata	atnatcccgg	ngntcctttn	ccnnn			755

<210> 4315

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4315

tnnnaatcnc	nnnaagcctt	tgtnnaaccc	ctttgctact	ngcncttttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcggtggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	cccccgctgt	360
cactgggatc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgctgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgcctgngg	cggnaaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agccntgcct	ggcaaggaaa	gtncacttnc	600
gagccggtta	ggctagggct	tgctgcaacc	gaagtccctt	ctttggtntt	ctaaccatcg	660
ccttttttaa	nncggaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagnctt	720
ttggccccaa	tttcnantt	tttgaaanaa	ggnaggncgg	ccntncttta	nnnggcttcc	780

aaaccttggg cttaganccc nggctttttt t

811

<210> 4316

<211> 942

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(942)

<223> n = A,T,C or G

<400> 4316

gnagcgtnnn	cctttggaac	ccnttgctac	ttgctctttt	tgcagggatc	ccatcgattc	60
gaatnccggc	cgngnctgg	cntaggcgtn	gnnnatncca	aggccatatn	acatnngatn	120
ntncanaaga	gncatataat	cnagnnngta	aattcacatt	gtgctgctca	catggatnga	180
acatacaa	tgatggttat	aaacctggat	gctcaccatg	actccaaagn	nctnggtgnt	240
aaccatggnt	atagnngnag	ntcnanngg	actnnatattg	gataccgagg	ctctccagaa	300
caagctccan	gaantgatca	ctgngctanc	ngnggctatg	acagctgtaa	ngcncgaaca	360
ggaatacntg	gaagtccggg	tnanaataca	ctnagccatc	ancgactgca	catacagcat	420
agtggtnctt	gtggctcttc	ttngaattctc	tngttctagn	caccatgaca	ttgngacaga	480
tntactactt	gaagagattt	ttnaaagtcc	ccagagntgc	ttaganaaaag	tcnactnctg	540
angatecnac	ctnaagaatt	naatgntnac	caaacaccnt	gntcntaata	atggnccata	600
gttttctcgc	atgnttttatg	gttctnggac	ttgtaccatt	tcacatcgta	atgggtgnca	660
nttngagaat	taatcncatt	aattgggggn	gggaaanaac	ggcctttttt	anggcnaaat	720
tnaattaggc	cnaaaaaattt	ttcccagttt	aatttgggnc	nttaaaccct	tngtntttna	780
aancttgncc	tnccatttnt	gttanagtcc	cntntcaaaa	tacttttanac	cctctttntt	840
caanttnnan	natttttnngn	anttancnnc	atnceaanca	attnnttnnc	nttncnntt	900
nacnnttttc	ccntggantt	ntcctgcacn	tcancntnnc	ct		942

<210> 4317

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4317

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncagg	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcnat	120
ngncntcat	tgaatcaa	tggaacac	gctggcntgc	tgctgacgac	tctgnggcta	180
ncaaggtnct	anactcnnaa	aacatgangg	tngtnaganc	ctcnncgaga	catnccaata	240
tctgctcctc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctgng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganacacga	acatgatgna	aagcccacca	tnaccnntan	agcncttaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	gttgcnnngc	480
ngacnatggt	aaanggacna	atnattcggt	tgatgggact	gnantgtgan	cnggnnctng	540
naattanggg	gccanncttc	tagggngtgc	ccnnncntg	cctntcnntc	canaaatgcn	600
tanacgctgc	ttntacctgg	gaagngnatg	gatgngnaaa	gaaacncnt	nnnttggngn	660
ctttgccaca	cnnnnggggn	aaacttttga	gncannaaaa	naccncnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccttttac	780
agggnaccgn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccgnt	ttttttacag	nttngacnca	aaaantttta	agggaaancc	c	891

<210> 4318
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4318

ntcnnncttt	aanccentat	ccttctcnaa	accttttgaa	cgcnncntnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnnggt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtg	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcaggt	ccagtcactg	caaaagtgac	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaa	tgcagagaaa	cctgtaagta	300
atggaaggtn	aanaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttta	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tggttagata	atctggtaat	aatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagttggt	ccttanggng	tcnttngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	gggttagaaa	gcntccctgn	atatcnaaaa	ttgccanttt		770

<210> 4319
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4319

tgttttaatn	ctngtcaaat	ccttggctac	tcgntctttt	ngnanncgna	ttcngnncgg	60
ntcccatenn	ttcgctgggg	tgggcagtn	tttgaaaatg	ggctcaacca	gaaaagccca	120
agttcatgca	gctgtggcag	agttacagtt	ctgtgggttc	atgtagtta	ccttatagtt	180
actgtgtaat	tagtgccact	taatgtatgt	tacccaaaat	aaatatatct	accccgact	240
agatgtagta	ttttttgtat	aattggattt	cctaatactg	tcatcctcaa	agaaagtgt	300
ttggtttttt	aaaaaagaaa	gtgtatttgg	aaataaagtc	agatggaaaa	ttcatttttt	360
aaattcccgt	tttgtcactt	tttctgataa	aagatggcca	tattaccctt	tttcggcccc	420
atgtatctca	gtaccccatg	gagctgggct	aagtaaatag	gaattggttt	cacgcctgag	480
gcaattagac	actttggaag	atggcataac	ctgtctcacc	tggaacttaag	cgtctggctc	540
taattcacag	tgtctttttc	tnctcactgt	atccagggtc	ccttccagag	gagccaccag	600
ttctcatggg	tggaactcag	tctctttctc	tncagctgga	cttaaaacttt	ttttctggac	660
cagttaattt	ttncaaactac	taatngaata	aaggcagttt	ctaaaaaaaa	aaaaaaaaaa	720
ctcgaacctt	tanactatat	gagtcgttta	cgtagatcng	actga		765

<210> 4320
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4320
 gtnccnnttt gaatncncat acaagctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg agcttatctg tacgagatnc attccnagac ccctagtggg tgccctgaaac 120
 ctccagatngn actgaaccct ttatgaacta tgtttttttca gtctgacaac caaggcggct 180
 actaagtgac taagggggcag gtagtataca gtgtgggataa gcaggacaaa ggggtgattc 240
 acatcccagc ctgngcaaca gagcaagact ctgtctcaaa aaaaaaaaaa aaagtctcan 300
 taacctatgg gataatatac taacaaacag ctgtgtaact ggaatnccat aaagcantgg 360
 tggacanagc agaaaaatat ttgaagaaat aaagactaaa attatgtcca ntttgatgaa 420
 aattatnctc tgacagatct aaganttttna gcaaacccta atcaagatag tctctctctc 480
 cctctcacat gcacgcacac gcaccgaagt tnagccataa tcaaactact aaaaaccant 540
 aataaaaanga ataatcttaa aatgtngcca gagaaaaaan gacacgttac aaacagaaga 600
 acanggggta gaaaactgaa actttcccta naaactacat acgcagaaga caacaaattt 660
 gcttaaattg tgaaaaatcc cctcacacta gagagaggct ttggtggtag catggctnag 720
 taggtgcaca agacgtgccc tcct 744

<210> 4321
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4321
 gnttgngngtn taantttnta aggatccctt tntntgaanc cctttctgca ggatcccatc 60
 gattcgaatt cggcacgagg caggagnaat cacttgaacc ctggagggttn cggttgcagt 120
 gagcacagat catgccactg cactccagcc tgggcaacaa aacgagactt cgtctcaaaa 180
 aaaaaaaaca tagaatttgg atccttttgg cggttctctc caaattcttt tgagggtgtcc 240
 atggtcaact gcttcagctt tgttttggca accccctgcc cgaagtcgca tataggctgt 300
 tcttcacctt gtttccaagg ctgaggaaca gaaagtagcc tctgttttga ggagggtggaa 360
 gttaagtata catttatatt ttactgtgac ttgttcagga ccacatttta caaaatgcct 420
 tgtttccttc attgtttctg gaaaggaaaag ttctattaat attgntttac tttgaatata 480
 gaatagtttt tttaattagg gcttatattg aaaaattctg agtttaattc aaatgtatgc 540
 caataccttc caaagtaagg taatattcag agacagttgt tggatgatcag atggcttaga 600
 gaaaatttct ggaatattca cattcgaaga tctttattat gaatgtcttt gacttaaatc 660
 taacccaaaa ctgcacatta ttctttgnac attttcatta tatagngtta acaagcttan 720
 ttgcaaacca ataaatactt aagctattta aaaaaaaaaa aaaaaaactc nc 772

<210> 4322
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4322
 tnnctttnac tntntnaatc cttntngang ccctntngca ggatcccatc gattcgcgtc 60

tgtaatccca	gctgcttggg	aggetgagge	angagaatca	cttgaaccct	ggaggtggcg	120
gttgcaagtga	gcacagatca	tgccactgca	ctccagcctg	ggcaacaaaa	cgagacttcg	180
tctcaaaaaa	aaaaaacata	naatttggat	ccttttggtcn	ggttctccca	aattcttttg	240
aggtgtccat	ggtcaactgc	ttcagctttg	ntttggcaac	ccnctgcccg	aantcccata	300
taggtgnnc	ttcaccttgt	ttccaangct	gaggaacaga	aagtancctc	tgtttngagg	360
aggtggaant	taagtataca	tttatcctnt	actgcgactt	gntcangacc	acattttaca	420
aaatgcctng	tttccttcat	ngcttctgna	aaggaaagtn	ctattantat	ngtgttactn	480
agaatataga	ntactttttt	tnattntggc	ttattttnaa	aaattctgag	tttaattcaa	540
atgtntgcca	ataccttnca	aagtaaggta	atntcataga	cantngttgt	natcacatgg	600
cnttacanaa	antnctggat	attcacnttc	taaanattcc	ctattaaatg	aatgtctttg	660
acttaaatnt	accaaaaactg	cncatattct	cgtacatttc	gtaaatngtg	nacaagctan	720
ttgcaaacaa	taaatacnta	actaaaana				749

<210> 4323

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 4323

nttnngtttt	tantttntnn	aancctttgt	tacntgcnc	ttctgcagga	tcccatcgat	60
tcgccagccc	ctcctctccc	cgccttctgg	gaggaggagg	tcacncgctg	atgggcactg	120
gagaggccag	aagagactca	naggagcggg	ctgccttccg	cctggggctc	cctgtgacct	180
ctcagtcccc	tggcccggcc	agccaccgtc	cccagcacc	aagcatgcaa	ttgcctgtcc	240
cccccgccca	gcctccccca	cttgatgttt	gtgttttgtt	tggggggata	tttttcataa	300
ttatttaaaa	gacaggccgg	gcgcgggtgg	tcacgtctgt	aatcccagca	ctttgggagg	360
ctgaggcggg	cggatcacct	gangttggga	gttcaagacc	agcctggcca	acatggggaa	420
accccgcttc	tactaaaaat	acaaaaaatt	agcccggtg	tggtggcgcg	tgccataaat	480
cccagctact	cgggaggctg	aggcaggaga	atcgcttgaa	cccgggaggt	gggggttgcg	540
gtgagccaag	atcgaccat	tgcaacttcag	cctgggcaac	aagagcgaaa	ctctgtctca	600
aaataaatta	aaaaataaaa	gacagaagca	aggggtgcct	aaaatctaga	cttgggggtcc	660
acaccgggca	ncgggggttg	aacccaacaa	cctggtaggc	tncaatttctt	tccaagcccc	720
aacagaaggt	catgccggcc	ccacangaaa	ancnggcagg	gccncggggg	gct	773

<210> 4324

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (916)

<223> n = A,T,C or G

<400> 4324

nttcnnngn	aanttncgng	natnntgncn	gaaccctttt	cgatnnnnnn	gattcgnagt	60
acngacnagg	agannctgnc	ggncntgtgn	tggaanctnn	ntttggaccn	cncttttncc	120
ngtgcctntgt	gaactcagag	cacgggcnn	ttggaccnac	tcaaggccan	tcatggcatg	180
gctcatncct	gaggcacgna	nganactac	attcncagg	gcccttcnaa	acaatggacc	240
ncnatgcngg	catactgngc	ctgcgaccen	aaanacnnna	ngnntgtact	gaatatcaag	300
atcnacttag	antctaagag	agnntggnc	nnnaactgat	cancanggcc	ttccangggg	360
cancanngag	acactgcgag	tnacagagac	ngccatgggc	gntgctncct	tacnnagnng	420

cacagggcenn	accntcatgn	aaccctaang	ctgtncnnat	gtactccgaa	tggcctttna	480
nncgnacngg	cctctaagt	atgcnnccc	gtntcanatg	nnccgtaca	atatctcang	540
ggacatgggg	antnatnnnc	ancnnaacc	tttnanaaaa	ggcggcntta	ccnttacnnn	600
aaaaggatgg	cttnnnngcta	atcaaaaanc	ntgtaaaccc	tnggcnatta	taaacccaag	660
acccgggaca	aanctnnggg	taccnngtcc	aattnaaact	ggcctnccnn	tcntgggtcnc	720
ccaaccaaag	tnaaacctan	ttngcagngg	gttataccgg	nanncnaatt	ggntncaacc	780
ccaacttngg	gaaaataatt	tttncaaat	gcntcnatcn	aaccctgnct	tttnnanaaa	840
aaccagggt	ttttnnctng	gggaaccttn	aancggggan	ttggccttnn	caaaaccacn	900
tnccncttta	ggttnnn					916

<210> 4325

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4325

cnttnnttna	tgacccttgt	tacttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggga	ccatgagaac	cgaagctaga	attgntattg	aattacttta	ttttctcttc	120
ccttattggg	tagagataca	tcattactgg	cctcaggggt	ttacccaaag	aaaggggtatt	180
tttgagcaaa	taatgtgatt	tcctggctat	tttggtgggg	gcttaagatt	tttttttttc	240
aatgcathtt	ttagtcacta	aaaattaact	gtcgtaccat	ctagaactat	actgtccagt	300
accatagcct	ctagccgtat	gtagctatht	gtattaagat	taattgaaat	tttaaatecca	360
gttcctcagt	cacactagcc	actttctaa	tgctcagtag	ctctgtgtga	ccagcggcta	420
ctgtattgga	tattatagaa	ggttctttca	ttcaagatca	tcattcttga	cagaccata	480
aatatttct	ataaagactg	tagaagtgtg	ttctggaggg	tttgctctcc	aaaaagaatt	540
gtaatataga	gtagaattgg	gatagagtat	tgaagacact	gggttttagac	attggatatt	600
ttaatgattg	tgtgtctaat	tcattggtgt	gncaactgag	ttatctagt	atatgacctc	660
actgtcttga	ccaaagccag	aatngaaggc	aggattcctg	aatctatctt	aaaattgcaa	720
tggaaanagcc	ttttccctaa	attatccatt	tgtaatt			757

<210> 4326

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4326

ntnnmttctn	aatecttgtt	cncgcctttc	tgcaggatcc	catcgattcg	gagaggagca	60
ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	ccacccttct	ctttccagga	120
cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	taaagaaatg	tacttccgga	180
gggtattata	gatatgatga	tatgttagtg	gtacccatta	ttgagaatac	acctgaggag	240
aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	accagactc	ctgtgcagta	300
ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	gggagaaggc	caaaaccatg	360
tgtgagtgtt	atgactatht	athtgatatt	gccgtatcaa	tgaagaaagt	aggacttgat	420
ccttcacagc	ttccagttgg	agaaaatgga	attgnctaag	ccaaaagaaa	gtctaattat	480
atacagagat	aaagctaaac	gtaattatta	tttaaataag	agctathttt	ttaaatgaat	540
ngaaathttt	catgatgcta	ctaatttgn	actaaatctg	caaattggtca	ccctgaattt	600

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cttctgacat tgggtgntatt tgcttatatt ccttataatt ttaaataag gcacagtga 660
atgaaaattt tatactctat gnntctgna atttntaaat ccttaacagc caaatttttt 720
gcctttaatt cttttanata tatactctcg agaaatcn 758

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<210> 4327
<211> 757
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

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<400> 4327
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gagccaagga gttttccacc cgtctctcat ggtcacagcg ctagtcattc atttttgaga 120
agttgcttct tttacatcag aaaaccagtc aatcatatgg agacttcttt tgtgatgaaa 180
aagggtctta gaagttaa atcatgcatgc acatgaaaac atgcacaacc acagcctcaa 240
tcttgatatt agtttgggga aagagaagag aatttcctgt ggattatttt ttcctcaagt 300
gcacctctct ggtaaccca aactctgcaa gaaagcactg tgactaaaac atacataacg 360
cctgcataaa tattccatgg ttccagttaa atttcagttt ttagccttta cacatgaggt 420
caaaggagtg acgaaaatac aaagcaagga aaaaatgaaa tatctgggtt ttgctgaatg 480
cttaatttat tttttactgt gccactccaa tatttatcaa atccaaatag catgaatgct 540
tctctgtagt aatactaatt ttgtgccttt tgtctgcttt ctttaagacca gttgttcaca 600
ctttgtagat attaacaat atatttccga ttggaataca aaaaaaaaaa aaaaaaaact 660
cgagcctnta gactatagtg agtcgtatta cctgtgatccn gaccatgata agatccattg 720
atgagtttgg acaaccacac tngatgcagg aaaaaat 757

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<210> 4328
<211> 757
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

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<400> 4328
ngtanantan naacntgggt ntcgctcttt ctgcaggatc cctcgattcg aattcggcac 60
gagccaagga gttttccacc cgtctctcat ggtcacagcg ctagtcattc atttttgaga 120
agttgcttct tttacatcag aaaaccagtc aatcatatgg agacttcttt tgtgatgaaa 180
aagggtctta gaagttaa atcatgcatgc acatgaaaac atgcacaacc acagcctcaa 240
tcttgatatt agtttgggga aagagaagag aatttcctgt ggattatttt ttcctcaagt 300
gcacctctct ggtaaccca aactctgcaa gaaagcactg tgactaaaac atacataacg 360
cctgcataaa tattccatgg ttccagttaa atttcagttt ttagccttta cacatgaggt 420
caaaggagtg acgaaaatac aaagcaagga aaaaatgaaa tatctgggtt ttgctgaatg 480
cttaatttat tttttactgt gccactccaa tatttatcaa atccaaatag catgaatgct 540
tctctgtagt aatactaatt ttgtgccttt tgtctgcttt ctttaagacca gttgttcaca 600
ctttgtagat attaacaat atatttccga ttggaataca aaaaaaaaaa aaaaaaaact 660
cgagcctnta gactatagtg agtcgtatta cctgtgatccn gaccatgata agatccattg 720
atgagtttgg acaaccacac tngatgcagg aaaaaat 757

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<210> 4329
<211> 746

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<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 4329
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 agctcagctc ttcttgggtct tggctagact gcctagattc ccacagcaga caagggttgag 120
 aatccattgc tgggaatcttg gtattgatga gttacagtga tggaaacatgt gcttggccac 180
 aggcaggtcc agtcaactgca aaagtgacca agccagcagg tcacccttaa cttcagaaac 240
 aattattggt ggtgaactgt acttaaattg cagagaaacc tgtaagtaat ggaaggtaaa 300
 gaaaaattac agaattgaaa ataatatattt gggcaagcaa acaaattcac tgagaattcc 360
 aaaagtatat taaaaaagaa gatagctatg agttcagatc tatcttattg gtctttaata 420
 ttacaaccaa tccttaactt tccactataa aggaaggatt actagattga ttactttctg 480
 ggtagataat ctggtaataa atgataggta aatcaaaaat tactttttatt taggagtttg 540
 aattcttact ctcatcagac attttttttc tagggacgct tactaattaa atgnatttaa 600
 gttgnttcta agggttttttt gcctatatat ttatgactgn gttaatgagt antgaaatga 660
 tgcggaagge agcttcagga agaggaatnc agaacctgaa taatctatgg gttagaaaag 720
 cttcctgaat atcaaaaattg gcngtt 746

<210> 4330
 <211> 967
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 4330
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 aaagccggca annccgccgn cngcnnntc aaacctgca ngcggcacnn gnngnncccn 120
 acgangcgcc agcgcgcgng anacngngct gccaaagaaan gngngcncan agnccggcct 180
 ngagaacagn acagngganc gtcanaagca gngggangac agacgacnga ngaaacntag 240
 agcccagggn nagecngacg acggaccagn tcccaaaggc ngnggcccaa agcngacnag 300
 ntnnaggaag aaanacngng gacacaaccg gagacanccg annaggagcn gacnganntg 360
 gacccanang gcaagaagca ccnaaacang ncacccacca nacgaccggg gaaggcacga 420
 acggtcngag cacgagna aa acngaacna ancaacgcgc acacannng aganagaaac 480
 accncaaca ancnaancgn gggaanangn agaccggacn cagaagaang gcnaagann 540
 cggcannгаа cccnnaancn gacggaannc agggncggng ccaacaagan ggcnangacn 600
 ggncaannna nggccggcnn ggaaaaacga ccaagnngnn cnccaaaaaa gacanggcaa 660
 aagnaaacgg gcaaagggca ancncaagg nnaagcccna naacgcgcgn nggagcaaa 720
 angnnccaag ngaggancna aagangggga aaggggcca cnaagnnggc ggnnaannng 780
 cgaannnaaa acanaggng ggggccacng gnaaacccaa gcgcgaaann ccnggcncna 840
 agggccccga aaacangggg ngacaaaaac ccnngccaaa accnnanggg ngggncccat 900
 cngnannaca naaggngaac cgnccaaggg ggcanaaagg aaaggccatn nnaangnaaa 960
 agagccg 967

<210> 4331
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> n = A,T,C or G

<400> 4331

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acgaggcnac	nggtgaagcn	nntgttgngt	gngctnctca	tgaagaanct	gtggcnggta	120
tgttcaaaga	canggnat	atgcantaca	gatatataga	actcttcttg	aattnaccaa	180
cangggccgg	ntaatggggc	gnatgtcagn	caantgatnc	aactgcatgn	gggtgtctnn	240
tgcccgagnc	acttacagng	gnetggaaag	ccagtcanng	caangngtgg	ncncagcgcn	300
ggnttcngtg	ggtnaaccag	gcatggngctg	gntatnacgt	aatcttagnn	aggaacaatt	360
tnagtnactn	tnttctnat	tencnngnga	gncctcttnc	angttngtga	gcatttntca	420
ataagaaaga	agnctggggn	acccatttng	cancattnan	ttcanggaaa	aatctngatt	480
taaaaaagtt	acctntgaac	tgttnnntaa	ngcncnnttt	nnttgtagcn	tgtgataatn	540
gatgcgaact	tntactat	atcagcatgt	tctnannata	acnttttggg	tannatcngt	600
ttagnantga	ttcnttcatn	agcctaagaa	aacttaagnn	nnggcaaaat	gccggatcat	660
tgtcacaggc	acgttcacna	attnanccnc	nctcggtgac	aacntttctt	gntttttngg	720
aaanaaattc	cacagggngt	agnctannca	tngnttctnt	ggaaatttan	ctntaatggt	780
ttcggtanaa	ntcccgtttg	ngnggtttna	attaaaaaaa	nccg		824

<210> 4332
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 4332

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	gancccntcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgtn	gngtctggn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taatttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctggtctcaa	gtgatectcc	tgccctggcc	tcccaaagtg	ctggtattac	aggtgtgagt	360
cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccac	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	ntgaaccctt	ttncntngac	tngaattaac	600
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccntaa	tagncaantc	ntnttaannc	cccnaatcnn	ttagnccntn	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaaccctt	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4333
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4333

gnnnnnnnttt	nnnnnnnttt	ccnannngnn	nnnttcaa	at	tttcna	atc	gctngn	ettt	60
ttgcaggatc	ccatcgattc	gcaccgctat	cagaaaaata	tctgtttcat	ggttttata	act			120
gaatttgcaa	actactgata	tgattttttca	ataaccactt	gtatcttcca	tcatccatga				180
gaggtgggaa	gaggtacact	gtatctctgc	aataaaaactt	tggccagggt	ctacctctc				240
tgagcaaagg	atacttttct	atgtagggtg	agatggttct	cctttactaa	tctgacatgg				300
tgcacttgga	gacaacatct	gatgggatcc	aaagacaact	tgaaacaaag	gtggatgtca				360
gctcttggtg	tgttttcatt	tggttctctt	ttttaaatct	cccttttggt	atcgctcctg				420
ttgtagcgtg	tccatcagtg	tgtgaagggt	gcgcctgtt	ccaatgatac	tgcattgctg				480
catccagcct	ttcgtgggag	cacggtacca	agcgtccgga	attgattatc	ccaatcattt				540
ttgatatgta	actgaaaaat	ttggtctcat	gcaataaaaa	tgtactggct	gcatttttagc				600
aaggttttatt	tactcttgca	agtaaaaacg	atcaaccgtg	aagcgtaaca	aattctgtat				660
ttagtttttt	ttctgttggtg	gtggtttttg	ttttggtttt	tggtttgtaa	gattctaaat				720
aaattaaatc	gantnaaaaa	aaaaaaaaaa	aactcgagcc	tttanaacta	tn				772

<210> 4334

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 4334

gngnntttga	aancntggc	tacttgttct	ttttgcagga	tcccatcgat	tccaattcgg	60
cacgagactt	aaacatgtca	cctaaatgca	cttgatgggtg	ttgaaatgtc	caccttctta	120
aattttttaag	atgaacttag	ttctaaagaa	gataacaggc	caatcctgaa	ggtactccct	180
gtttgctgca	gaatgtcaga	tattttggat	gttgcataag	agtcctat	gtt	240
attcaacttt	tgtctgcctg	ttttgtggac	tggctggctc	tgttagaact	ctgtccaaaa	300
agtgcattga	atataacttg	ttaaagcttc	cacaattgac	aatatatatg	catgtgttta	360
aaccaaattc	agaaagctta	aacaatagag	ctgcataata	gtatttatta	aagaatcaca	420
actgtaaaaa	tgagaataac	ttaaggattc	tagtttagtt	ttttgtaatt	gcaaattata	480
ttnttgctgc	tgatatatta	gaataatttt	taaatgtcat	cttgaaatan	aaatatgtat	540
tttaagcact	cacgcaaagg	taaatgcaca	cgttttaaat	gtgtgtgttg	ctaattcttc	600
catangaatt	gtnaacattg	actgacaaat	tacctataat	ggatntgggt	aatgacttat	660
gagcaactgg	nttggccaga	cagtataccc	aaacttttat	ataatatcag	aagntatcac	720
cttggtgaaa						729

<210> 4335

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4335

tccgcctttc	aaatnccttt	tctatttcna	atncttggct	acttttactt	tccgcannga	60
tccntcgtnt	aaaggcagcc	ccaagtcce	agaaagctga	ctcccctagc	atcgactacg	120
cagagctgct	gcngcacttt	gagaagggtc	agacaagcac	ctggaagtgc	ggcaccagcg	180
gagcgggcgt	ggggaccacc	tggaccggag	ggttgtcctn	tgacangcct	ggcaccgang	240
agggccacc	gagtggaccn	tnaancacta	cnggtcntna	aacacntncc	atgaggccat	300

atctactaac	ttaggcccat	ggtcagatat	gatnatctgc	aaacccatct	tgaccttgag	360
tatgtgaagg	ggtactgtac	tttattcctg	atacattttg	gtttccatgt	aggtgttgag	420
ctcctgggtt	tctgtgtttg	gatgatgaag	atgttgaccc	ttccattcat	aatccctttc	480
taagtgaaac	ggagaggctg	gcttggctgt	tccttggtat	tccgaaagcc	ctggtttggg	540
gcccattgtc	acactggctc	tcagtctagt	caggtgcaat	gttcttgaan	angtggggac	600
ctaattatta	ccanagtagc	ancaagagag	gaaacgttgt	gaattaaagt	attcaattaa	660
aaaggaaaca	tgatttctac	ctgaaaaaaaa	aaatggctgc	nancggataa	tngtntgncc	720
cntgnttttn	anccggagnc	cnnnnacat				750

<210> 4336

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(991)

<223> n = A,T,C or G

<400> 4336

ggggncattt	tgcnaaantc	cccgcngttt	ttncnngtn	nttgcnaaaa	aanagncccn	60
tttgggggcn	ccccentntt	ttgcaaaaaa	natccnnccc	taggggccta	acctatgggc	120
tgcnttatan	gnnggncagg	gggagaancc	ccgcnaaang	cgnaangan	ggangnaaan	180
naacgggggc	acacacgcnc	nagnnggcag	ngncnncnan	gggnagann	ngnncaggga	240
ncagnngggg	nngnncntnc	cgancanana	cnnggngggg	agaannncna	gagggnaagn	300
ncaccncncg	anaagnngga	nagggnggna	ncntgnanna	cgacnanact	nggngnggca	360
anccgnaann	gagacganga	nanaggngtn	cnanggcgca	aagnagnant	acnecncnnc	420
nngatacagn	aaaaaggann	naaannnacn	gcnanganag	agngananac	nacaancntn	480
ggaggaagag	acggaanacn	gggagaggaa	gggntnagna	annaaaggca	aggattaacc	540
tnacagaaat	gaanaanccc	nanncacngg	ngncntctgc	aagngaacca	cttnaagcca	600
angtnaagca	gntgcagctt	gatagcctgc	taccactgag	agggactcag	aagagtgtac	660
tncattgcaa	tacttaaaca	gcgccatctt	gctgtggaag	cctacagaaa	actgnggatg	720
aacacaagaa	aacgatggaa	ttactgcaga	gtgatatgaa	tcagcacttc	ntgaaggaga	780
ctcctgggaa	gcaaccagan	cattccggca	ccttcagnca	catcagnact	tggcaataaa	840
acccacagng	agaattggaa	aacagatggg	gnganagaac	tggccctctg	gaaaagacag	900
cttnggacaa	ggtcaccaac	ngaccagatc	cnggnaaaaa	atccaaggca	taaaggaaag	960
aagannggtc	caaattctcag	gggatccaac	c			991

<210> 4337

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1188)

<223> n = A,T,C or G

<400> 4337

ccttaaaaaa	ttggggccct	ttggggccct	tacttcnggg	tagaatnctt	ttttnttggg	60
ccaggggaaa	tccccccant	tccgcnaana	aancgggaaa	atttgtgccg	ggggccaacc	120
ggaagggaaa	cnttcttggg	ggneccacca	aaggccccc	agggnaaggt	ttccaaattt	180
ngggntntcc	ctttttttnc	naaagggecn	aagggttccn	atttttttcc	aatttaattc	240
ccaaaggccc	ngntnnatnn	tgnetangtn	cgnnnnnncn	atntntnnan	ngngggcggn	300
anattnnntc	ntntntntnn	tgctntctnn	nnntnnnnnt	nttaanncnt	tattnatntn	360
ntatncagcc	ncnnntanan	nnantnctnn	naatntntnt	tntnttactc	nnncnattnn	420

ntngtngtcn	nctncnttta	nntcatcata	cnnatatcat	ntaaanaang	cntnnactnc	480
ntatnatccn	ttngcatctt	cantgttttn	ttncctcanct	ncttgcntcn	nntntacant	540
accantnntt	aagctctttt	tacnatgnaa	tactcannaa	gagntngagg	ttggctgnan	600
tttanctttt	taaantcntt	gtccnntggg	ctcntgaact	ttttnnannt	tggtggccct	660
tttactttta	ctntnnatna	natgggantt	cgntnnaatc	ttntttcata	naatttttgt	720
acnnntaanc	gttgatntta	gnanaaacta	cnaggnacct	nnntttcant	aggnttttat	780
tcctnttttn	aaccnttnnt	ttgatattnt	cttaactatn	ngcanancnt	tacntnancn	840
tntcnntttg	nttaaaatgn	gnatnggnnn	acnncnatan	gaccctnnag	ctccnncatt	900
ttccttnaan	anagcncant	tcnantatct	tatttnaatc	aatnntatca	ntcgngcttg	960
ctcttttnan	cnnancatan	gatntncang	gtatntntan	gccnanntnc	naactantnt	1020
gcactcnact	atcncancgn	taataagacn	tatanaangn	tcntnnnatn	naaccntttg	1080
nctnacantn	atnttgtaga	tannttcctc	ncnnanannn	nagnntnann	ttatnatntt	1140
ncatatcann	cnatanactn	taataagtac	tntataaant	tncgnncg		1188

<210> 4338

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(941)

<223> n = A,T,C or G

<400> 4338

gggggttttna	ataccttgct	ncttnttntt	tatgcangat	ncnntcgatt	cgnatnnenc	60
gcgaagntgg	cnnatgcnga	canggccngt	tctgnatgan	naatgnncat	ctatntccct	120
cccaaanggg	cgnccccangg	atatgtcttg	ggatccnatt	ncacccatga	cgcctactnc	180
ntgctncttc	ctctnntgct	cnggtnttgt	ncacaaatnn	nnnggnanca	tcnngncng	240
tccattggag	atgtcgngna	taaactgcnn	tagatgtntn	ctaacactgn	tgnaaatgac	300
gagcatnctt	atgagacgaa	ggcntccnaa	gcngtagntg	cccangatnc	gaggtangct	360
atgtgggtctc	ttatctaate	tagaaatgaa	aacgccctgt	ntnncagcga	aanntanggn	420
acgnntgnac	actngcttna	acnnaancct	anatacaaca	ggggaagggg	aattgggggg	480
gaaaccattg	acaggnccta	tcnatatagg	nttaaatnag	aggaccacc	gnttgtaatn	540
aacatgnnga	ttnatTTTggg	ggaatacgga	tncaanaggt	nccaggttnc	acttggtttt	600
tttttaacct	tatggccnan	tanncggttc	aatttggtatt	ttggggganc	cccttttnca	660
ttttgggaan	attnggagcc	cnctaattgn	cgngggaanca	ntttgtnggn	tncccccatt	720
cnaatgggg	acccctntna	naaaacctcn	gggggggtgga	nccccctcct	taaaacccan	780
nacgttttnn	ttgggtttnc	caanaaangc	nnaccccccg	gaaaacttnc	ccttttnngng	840
nnaattttctn	caaccccccg	ggngggaatt	ttccctngng	aaattggcaa	ttcccngttt	900
naaggggtgcc	caaaaattcc	ngnttttttg	ccncaatac	c		941

<210> 4339

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4339

gngnggggnnn	nnnnncnatnt	atacatacag	gctacttggt	ctttttgcag	gateccatcg	60
attcgaattc	ggcacgaggg	tcctggcatg	aagaagatca	agttagacac	tccagaggaa	120
attgcacggg	ggaggggaaga	aagaaggaaa	aactatccaa	ctctggccaa	tattgaaagg	180

aagaagaagt	taaaacttga	aaaggagaag	agaggagcag	tattgacaac	aacacaatat	240
ggcaagatga	aggggatgtc	cagacattca	caaatggcaa	agatcagaag	tcctggcaag	300
aatcacaaat	ggaaaaacga	caattctaga	cagagagcag	tcactggatc	aggcagtcac	360
ttgtgtgatt	tgaagctaga	aggtccaccg	gaggcaaagt	cagatcctct	tggtgttttg	420
ataaacagtg	attctgagtc	tgataaggag	gagaaaccac	acattctgtg	atacccaagg	480
aagtgcaccc	agccctatgc	tcactaatga	gtagctatgg	cagtctttca	gggtcagaga	540
gtgagcccag	aagaaacttc	catcaagact	tgaacagacg	ttttggcaga	aaaccagggt	600
cttgatagca	gtgctcctaa	gagtcgaagt	caagatgtta	aagccaactg	ttagaaattt	660
ttcagaacca	agagtgcaga	ccgaaagaaa	agcttttgaa	aaaccaaccc	ttaagaggaa	720
aaaaagattt	tcccactntc					740

<210> 4340

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (890)

<223> n = A,T,C or G

<400> 4340

angttggaaa	ncengncntt	tcaaatanct	aggctactcg	ttctttttgc	aggtatccca	60
tcgattcgaa	tnccggcacga	ggnccttgg	ngtnggnnat	tntncannaa	tnntnnacgg	120
acannncttc	gcnattatgg	tgntcttggg	tgntngggnt	tggtgggttaa	ccctacatca	180
taangcattn	aatgnattan	atnttgnat	tgntgncaaa	anggaatagg	gtcnacaant	240
nctgtgngna	tnnaacctgn	ntcanatngc	ntttggnaat	nttctntacn	cnnntttnaa	300
ttccactgta	aatnntgacn	gattantncc	nantggnttn	tcnttggaga	aaatnnattt	360
tncaactncn	gtctncacnt	tntatnaagc	gtattttatg	ctggcnggnc	cnccatanat	420
ctacnccctt	ttgatgcctn	tggnnanaaa	taatgttaan	tagtgcgcaa	antngntatt	480
gtnttngnga	caancntaaa	tgngccatta	nnggcntacn	atgcnnnttat	gccacannac	540
cannngcna	nngnttttga	ttanggggnan	gcattccnta	aacaaccnng	cncnatgaac	600
tngaactngn	ttgggaattn	antnngggaa	tnaanttggc	gntnatgggt	gngggngccg	660
cctttacccc	gnccacanaa	attccttgng	caattttnnn	ctttaaagg	nccananggc	720
nttaatgggn	ttnggnaact	tntaancctt	ttttttgttt	gctntttang	gngtggccna	780
gatggcacia	ncnncnngaa	ntntnggtgc	ntnaacctct	gnttnaannc	taantagggg	840
antgccaaat	ggnttttnnc	tttngcnccn	aatantnttt	ttcttgggng		890

<210> 4341

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 4341

ntgnnnnnnt	tnnccccctt	cnaatcnctt	ggctactngt	tcttttttgc	ggatcccatc	60
gattcggggag	aactgctcac	tcctttttcc	ccccataca	aactcaaagt	cccctggggc	120
ccaattcaga	gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	180
tgaatccatg	gaggtgttct	gtttggggct	ttttagactg	ctgctgctca	gctggttgct	240
tgaactgaca	gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	300
agcttgctta	gagcaagcct	tttctcagac	cttaggcaca	gcctctcttc	tttacctgat	360
caatgttaaa	tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	420

ttgtttctata	gcctgtgaaa	tggctagttg	atcatttttc	cacaaagaat	taggtgttaa	480
gagttttcct	tcaggcttta	cttaggagaa	tggactaagc	tgaaagggtg	acttcaccag	540
caagaagtca	actctagaaa	ttcaaggatg	ttcctttctaa	ttggtttctt	aagccatctg	600
tcanggaaat	ggtaactttt	ggnttttaatt	tttnggctta	attcccaagg	ggggtaaaagc	660
ccagnaaaaa	ttngaaaaat	ggaattatct	tcctggatta	aatnagcncg	naaacctttt	720
ttcnaattct	tcaaattntt	ttaaangggg	gtcttgcttc	tttttnaaaa	gcctnt	776

<210> 4342

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4342

ntggannnct	ttcccctttc	taatncttgg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tccacggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgaagtct	tgagtgttgg	aattgttaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttn	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaa	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcaagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacaag	tgatgttatt	agcaactgtg	tgggtggagt	aggttgtngg	cttggacaaa	540
atcaatccgn	gtgggaaaaat	tgttaggaag	ttttattaca	tttaaacttg	gntaacctaa	600
aatccentca	aaanaaaann	antctngncc	aaanttaagg	gtntnnnaat	naaaaaaact	660
ttngnncttt	taaaacttnt	cgngngcctt	nttaacgtta	aatcccgnca	tngntacgaa	720
tcntttggtt	gaatttttngc	caaaccct	tt			752

<210> 4343

<211> 1069

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1069)

<223> n = A,T,C or G

<400> 4343

gcncannac	angannnnnn	nnnnaaaaa	caaccnnaaa	nnannngnac	cnannannna	60
nnnganngn	gnancagnag	gnnangngtn	anccgcnnng	aaaccctgcg	accacganc	120
ggnggaaccg	gcnnaggccg	gacaccnngg	cngnggncac	gcggnacagn	aggccacggg	180
gagcagaaca	cngnanacgg	cnnngaaacc	nncccaccan	canagagaga	nnggaagtga	240
cagcacannt	gganaagncn	aagaccana	ngacgcagaa	aacaanggga	cangaggcga	300
angcanangn	ggaaaaanan	agcggaagaa	caganacgga	gacaagncac	caccggnang	360
ncagaggcca	ncganaccnn	ggnnngccng	ancaanagac	aaacnccgac	ncannanang	420
cggccnggan	nanncnagag	angcaaaaga	gagaaangaa	gccagggaag	ganacnngnc	480
atncnnnccn	ncnnacgaan	ggaaacgagn	aannncagcan	ggcnggacac	aacgacacng	540
gaagcaannn	ncgnanggaa	cngaaacnan	ccgaagaann	ggancgggng	nnaatcaaaa	600
gnggaaccnn	ncgaangncc	ancncancaa	gggcnnncca	angngccann	aannngncna	660
aaaagcgccc	nccaagaggg	ncgacganga	cgnaacnaga	gnccgacggg	nagncgaaga	720
ccaaancagn	nnccaangaa	ngcagaanng	gagcnaagcc	cnngaannng	anaaaaaang	780

ggcncgggnc	ncacnacgaa	gccccanaa	gggggaaana	acgnagaggg	gnaacagagc	840
ccnannnnnn	gcgngngana	ngacacagga	nnacaaangn	gaaaagggan	ccacancann	900
gnaaaccccg	gcaaggggaa	acncccaann	gcaaagaaga	aagaacagag	cacgcaaagc	960
agaaangnaa	caganaacaa	gggaacnaaa	gagcgngaca	cagnancnaa	nggcaacnan	1020
nngnaggcna	cccacgncan	ngnnangecn	nnagnacann	cgcnanncg		1069

<210> 4344

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 4344

ttgatccata	tanatacnnc	tanttntgca	ggatccctcg	attcgaattc	ggcacgagnc	60
ncatnccnac	cactactgat	gantatnntn	caaagagnga	tacnctntgn	ctnatggmnt	120
naacnctcnt	tatccaantg	ggnaaggaac	ttggcncggg	angacgcaga	tgtgtncacc	180
tcattntcaa	ggaaanctgt	gaancccttg	cctccttttn	cttgcctcng	antgtntgtg	240
acnacancgg	acnctnnnnn	catcncnanc	ntgtagnnga	acggnantgg	aanatcngtg	300
cactcgtnta	tnnnacngng	agggaccatn	naccnaagnc	ancttagcaa	antggcttng	360
atgctgtggc	tgannancna	ctgcnggtgc	attcggacac	atttgcccat	nacnctgang	420
cncatttctg	nggggtcaag	ntcatnctga	tcttntngng			459

<210> 4345

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4345

tttnnaacctt	tgcatttgan	ccctttgcag	gateccctcga	ttccaagnng	ncacnaggtn	60
ngctgnacnc	ttggctaagg	nnactgattc	tgngcncctt	acccatgttc	atggngangnc	120
cgngcctnct	ctggccatnt	gccncaacga	ntattcntnn	cccnnaattg	ctnatntctt	180
gggatantag	nnatanntgan	ngatttngca	agacnagaan	gtntctacnn	ntctgnccan	240
nacgtncgct	acttntnagg	ccttaacaaa	tcttggnat	gcatgggnata	tatatcttcc	300
taangnaccn	catgncagg	tccatnccat	tcattgaaatg	ccaangatan	accagctnct	360
ggtnccnnaag	nagtntntnag	ncancntanc	aaaganccnn	gggcccntgg	ngnttgacan	420
cattcatcgt	ggaggaacaa	tgannnnagt	ctnactttcn	cnanncnann	ttctgattna	480
aggnttgtga	aagagtatta	catnancgtg	nanntcangg	ntgatntanc	ncanaaatgg	540
cancttttnc	ttgcatcnag	ggtctnggcc	cctttntnca	taaaaanngg	atctgaatag	600
gctttnttan	ttaccnncnn	cacaccnnat	gnantaanct	aaccctttgc	naangttagn	660
nncttttacc	acanaggtcn	ttacncaaaa	ntannnggtn	anaaccccnng	ccanttttct	720
agattantnc	ccaacttang	ccctgncatn	cacttgatac	anggccccct	tattanaatg	780
aact						784

<210> 4346

<211> 887

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4346
 caaancccttt gcccccttttc aaatcncttg gctactcggt ctttttgcag gatcccatcg 60
 attcgntgct ggcactcagg cncnntgnat ggnaantgac ataatgtnan cnanangcnc 120
 tctgntgtat gagttgtgct tggtttgunc nagnaggaaa ctgngnnntn tataactacn 180
 ccnangccnt ttggacaaca gctgggatcc aacctttgct nntngnnnna ntgttctttt 240
 cagnnccctn tgggntagac canaacantt ccttgtnaan ccnaacnngn caaaacntng 300
 nancagggnt ncgtnnccca angtnnttnn ttannngccc cnnngnngna aacnntttca 360
 accccttgnc tttggnanaa nncttngggc cntnaaaatn nnttnnatan naccttnntt 420
 ggggattcnt ttaatttcta ntnaaangtt ggtggtccna ttttaacctn naaaatgnnt 480
 ngcaatgnnn acttataacc cttanatcgn ttgncttaat tgaaancntt aacngtctaa 540
 acnccttnag ctaaanctcc caatatcggn ggtaaccng gngnatgnnt nggggccaat 600
 ggnnttttca annnnnctnn aagatcctcn gnatinnnag aaggatatnt nccnncntgg 660
 gantanttct ctgnnntatt cnnncgaaaa aganaccttt gncctcttnn nattgnaata 720
 ttngcctngt nttaaaancg nngncccant tttgggggaa tatnnntttt ctngganana 780
 aaaatggggc ccnctgggn tactttatat cnttntnnng aaaannccgn cnaanatcct 840
 ncatatgggt ggntcntttc atgacngcgg ggnttanttn ntncceg 887

<210> 4347
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 4347
 tattcnatct gctacttggt ctttttgcag gatcccatcg attcgagann aggangaang 60
 acnctntgcn tggnacaggg ctntgncct antctgaata tgatcatcen ncacggngan 120
 cnnagcctt tnnntctccc catntttggn aattactttc ttgangatgc tgcctttnaa 180
 angcttcncg tacattatcc atntttaaaa aaatctntgg actggatcta ctgaagcgcc 240
 nttgctntat taanntnagg gctcnagca cctaaanntc tngaccatnn naagacattn 300
 ntncattma ctntcttgta taactaaata ctctntannn attcnnntn caatacngtg 360
 ganggnaatg anaagcatnc taaantggg tnaatntant tcnntnanna tgtngacna 420
 aagaagaaaa tngcttgnt tcagggtcat nggcttggtc tgg 463

<210> 4348
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4348
 tttcnaatgc ttggctactn gttctttctg caggatccca tcgattcgaa ttcggcacga 60
 gccngtntnt nctaantnnn natgntnac ctgggnntgg tgggtggngn cntgcagnnc 120
 canctactca gggngctgng gcatnanant ngcnngaacc caannngtggt nagttgctgn 180

natecgaggt	tgcacactng	nactccancc	tgnccacana	tcgagactng	tcttataaaa	240
antaannnga	nnatgnnaga	cctatcagta	gggtgancac	ntgtccttnn	gctntgcngn	300
tcnacnttna	tgcgatnga	tccantgang	ttnaaccccn	ttccactnnn	tngnnaantc	360
ntnnnttaca	tntctgtntc	cccaaaacat	ntcacgtaac	anttattcct	aggtgcagnc	420
tcnctatcnn	taggntcttg	gtnggccaaa	ttcctgggat	cangtgaagg	tgggctgtnt	480
cagtaanaaa	tgaatggact	gnanagngcc	cattttacaa	ggaccatnct	tntctgggggc	540
aagccaataa	attatttncc	ctntttgggg	gaaaanaatt	ttcgganccn	taaattanat	600
ttcnggaaac	cnncccnaaa	gncttnatth	tcccnnnaca	aannttngng	ganncatttt	660
tanggggnna	nnanaggngn	naagggtttc	ngttggnttn	gccntaant	tcccaaggnc	720
ntngaaaccc	ttatgggggn	accncattcn	ggataatttg	nnaan		765

<210> 4349

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4349

gtctctcttg	aaancccttt	gctacttgct	ctttctgnag	gnaggcatcc	catcgattcg	60
ccnaccgncn	gnngncaggc	gggttgctna	tggngcncct	ttccgcttnc	ttgntnaatn	120
actntctggn	ctngctcgnt	cngctgctgn	nancggaann	anctcnntct	aaggcgggtga	180
tncnnatata	cacagantna	ggggataacn	cnagacngaa	cntgtgatcg	aaaggccaac	240
agatngccta	naaccgtaaa	nanganant	agcngnccta	tatccatang	ctngctgcnc	300
ntgactagca	tatcatanat	gtcactgtca	tgtnctntcn	tngaaaagnc	cgtnaggmnt	360
nttatgatac	nnggcnnntt	cacttggnnn	ccanntcaag	cncncngctg	ttacaatgct	420
gnngctgaat	gnatacccg	ccnactngnt	nnattaggna	acntgggatc	ncttctatnc	480
actgtnacnc	tcatgggggt	ttgggnaaat	gcccangnnn	nngnccgna	ttccncccg	540
aagntttgng	gnatgttggt	gnngaccgna	aacccttggt	ncgttaccaa	ttggggggga	600
aanaaccttg	ttgggccttt	taaaccnccg	ggtaaaaacc	ttnatagcga	aatttttagga	660
gtttgnccan	atnccccggn	ggntnaaggc	cnnacccaat	tgtttaaat	ccccccaacn	720
ttgncctttg	nnnnnaanggn	ccttggtnaa	accgggggga	aattccccct	ngaacancgn	780
antaggggtng	ggcanggcnt	tttanaggga	ntccccctnga	aaagcggtcg	gnnggtnaac	840
ntttcgggct	ttgggggttg	acangnantc	tncaaattnng	ggaaatcntg	g	891

<210> 4350

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4350

ttnctaannn	ntncttnnna	nnnnntggga	nctttnnctn	nctccannna	tncnanntgc	60
nttncggttt	gggagtcagg	cctgggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggtct	tccgggcctt	tctctggtt	ccttggtctg	cctgggtggg	gaaggggagg	180
aggggaagaa	ggaaagggaa	gagtcttcca	aggccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgttag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaag	ctgtcagagc	cgcccgctt	ctccccctct	360
ccagggatgc	tctttgtaaa	tatcggtatg	gtgtgggagt	gaggggtacc	tcccttcccc	420

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aagggtccag aggccctaag cnggatgggc tcgctgaacc tcgaggaact ccaggacgag      480
gaggacatgg gacttgcggtg gacagtcagg gttcacttgg gctctcteta nctccccaat      540
tctgcttgcc tcctccttcc nanctgcaact ttanccctag aangtggngg acctnanggg      600
gaanggacaa gggcaaggng ggccccatga aaaaaaagcc cctcnnttgn ccnacacttg      660
ncttgannnn ctngcttctt nctggtggcc ccanangntn ggnnttnncc aacccccacct      720
gggatttctt tgcccnttgg gggngnact tggccctttt cctnggnttt tttgccnnca      780
cnnnggcctt cnttgggaac ctttgtcacc ct                                     812

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<210> 4351

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (938)

<223> n = A,T,C or G

<400> 4351

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ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttncn      60
aaaaatcgcc tttgggcnaa ctccgnatnc ttatntggac angggaatcc catccgantn      120
tccgganatt tcggggccac cggaggggaa tttngtggnna ccatgggggtc gggttacaat      180
nananagggg taantnacca ttgggatggt taaaatnana aaggggccaat caccattggg      240
acngttacat aaaagnnat cgctgnggca agccaccaa caattcccat nanggaaatt      300
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan      360
caccctggnc cttnttggat naatganggc tggcggngn ntggagnaaa anngaccan      420
nttaaantng gnnaccnnna tgaaagggtt ggcncnngaa tgaacccccg taccctnaag      480
gccgttantic cnaantngan acntaaaact nnacnaaaac cattgtcttg gnccaactaa      540
tggcggaccn ttggccaacc taanntttta acngnncatn ggaccnaanc atnnaaancc      600
nggaacagnc ggaaaaanag gncgtganac tnnngataatg ncatcnggaa cnnctgaccc      660
tgnnnttccc tatgangggc aaaaaaaagg cctccnaagg gtnggaccn tttnattnnc      720
cccnttncga nccaacgent tcattncccc tcncaggggg nntcaaanan ggcctncnc      780
ncntgnaaaa cgacngtccc ctggggcctt ttccaataan atnnncnccc tttntnacc      840
ccnnnttaaa aanccgnggg ngaanaaaag tcccctnaaa aaatattccc ccnnnnncn      900
tgncnaccac ctnaatnctc aatnaaaanc cntttcnc                                     938

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<210> 4352

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (938)

<223> n = A,T,C or G

<400> 4352

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ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttncn      60
aaaaatcgcc tttgggcnaa ctccgnatnc ttatntggac angggaatcc catccgantn      120
tccgganatt tcggggccac cggaggggaa tttngtggnna ccatgggggtc gggttacaat      180
nananagggg taantnacca ttgggatggt taaaatnana aaggggccaat caccattggg      240
acngttacat aaaagnnat cgctgnggca agccaccaa caattcccat nanggaaatt      300
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan      360
caccctggnc cttnttggat naatganggc tggcggngn ntggagnaaa anngaccan      420
nttaaantng gnnaccnnna tgaaagggtt ggcncnngaa tgaacccccg taccctnaag      480
gccgttantic cnaantngan acntaaaact nnacnaaaac cattgtcttg gnccaactaa      540

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tggeggacn	ttggccaacc	taanntttta	acngnncatn	ggaccnaanc	atnnaaancc	600
nggaacagnc	ggaaaaaanag	gncgtganac	tnngataatg	ncatcnggaa	cnnetgaccc	660
tgennnttccc	tatgangggc	aaaaaaaagg	cctccnaagg	gtnggacccn	tttnattnnc	720
ccenttncca	nccaacgcnt	tcattncccc	tcncaggggg	nntcaaan	ggccntcncc	780
nentgnaaaa	cgacngtccc	ctggggcctt	ttccaataan	atnncncccc	tttnntnacc	840
ccnnntaaa	aanccgnggg	ngaanaaaag	tccccnnaa	aaatattccc	cccnncnncn	900
tgncnacca	ctnaatnctc	aaatnaaanc	cntttcnc			938

<210> 4353

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (599)

<223> n = A,T,C or G

<400> 4353

gnnnnnnnnn	ngnnnnnnnn	nnnnnnnnnn	nannnnnnnn	nnnnnnnnnn	nnnnngngnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nncnangtgg	aaaancccg	ncccnnnnn	120
ngggnacccat	cnngngcggg	aanccgaagn	ggaaggngan	tnccggggnnc	cggangaaaa	180
ncanggggtgt	tggggggggg	gggccgtatc	annngaccan	ggggngaagc	acttnggnan	240
agggagcaaaa	gacacantat	gtaaaccnag	gaggaggaga	agaangcaaa	nnngcatgng	300
aaatnnagnt	tgaagaancg	ctttttttgc	tnntcagcaa	tggtatnnat	gaacaacaaa	360
aatatagaaa	aagngagaaa	aaggcaanna	tnaantatnn	nctgaggaac	aacaacaaa	420
acaaaaaaat	gggggggggat	tgatttantn	tccccctgaca	agaaaaagaa	tnnggatcttt	480
agggngcta	gcaacctggc	agactcactg	agggngaang	gaatgngctg	aaaaaattcn	540
agcctgacnt	ggcaagctcc	caangggaca	ccaccncaat	ggagaagaaa	gcaggaaaag	599

<210> 4354

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 4354

ttntaannnn	ntncttnnna	nnnnntggga	ncttttnnctn	nctccannna	tncnanntgc	60
nttncgggttt	gggagtcagg	cctggggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggctc	tccgggcctt	tctctggctt	ccttggtctg	cctgggtggg	gaaggggagg	180
aggggaagaa	ggaaaaggga	gagtcttcca	agccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgttag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaa	ctgtcagagc	cggccgcctt	ctccccctc	360
ccagggatgc	tctttgtaaa	tatcggtagg	gtgtgggagt	gaggggtacc	tcccttcccc	420
aaggttccag	aggccctaag	cnggatgggc	tcgctgaacc	tcgaggaact	ccaggacgag	480
gaggacatgg	gacttgctg	gacagtcagg	gttcacttgg	gctctctcta	nctccccaat	540
tctgcctgcc	tctccttcc	nanctgcact	ttanccctag	aangtggng	acctnanggg	600
gaanggacaa	gggcaaggng	ggccccatga	aaaaaaagcc	cctcnnttgn	ccnacacttg	660
ncttgannnn	ctngcttctt	nctgggtggc	ccanangntn	ggntttnncc	aacccccact	720
gggattnnct	tgccenttgg	gggnngnact	tgcccccttt	cctnggnttt	tttgcennca	780
cnngggcctt	cnttgggaac	ctttgtcacc	ct			812

<210> 4355
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (819)
 <223> n = A,T,C or G

<400> 4355

gcttnaatgc	ttntctaatg	cttggttatg	cggatccctc	gantcgaatt	cggcacgagg	60
acctatcttg	atctggatag	taaagtgagg	acttttaaaaa	agtttnttaa	attactggga	120
gaaatcatgg	agcacagatt	caagactttt	cancatttaa	aaaggtgggt	ngnctttncn	180
angcaanttn	tncttngcca	ncttactatt	tcancggncc	tatgnngaaa	aaatcaantt	240
ttgccccatg	antnanttan	gnncggttacn	ccntcncnng	gagctcnagg	acctgcctgt	300
nangaccagg	gctgggcctt	gccaaacccan	ggcaatgttg	gggccngagg	ctgctgtgtc	360
tgnccaagct	nctntcagag	tccaattccc	cangcctaca	gcgctgtcag	cttgccacct	420
ggcattctca	cagagctggc	ttgnccacccc	cantggggggg	ctatannctc	agagaccact	480
tcacctcct	ggaatcnacc	tctttttctaa	taccntctt	tggaaaaaag	agcttgnccc	540
ntnctnnang	caacactnng	aaagcttntgg	gccntgggtgn	tgtataaatg	gtcttnccat	600
tnccgttgaa	acnncantgc	ccntgggttgn	tgttntcgtn	cagntgtcgn	tgaggnaacc	660
ttnggnattg	cancntttan	ggcccccaagn	ntccaaangn	atntncantg	naancctncc	720
ctatacccn	canccccnan	ttnanntaaa	attnncnna	aaaaccctt	naaatatana	780
aaaacncana	aacttttgng	ncctttanaa	cttttngcg			819

<210> 4356
 <211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (913)
 <223> n = A,T,C or G

<400> 4356

cccngcggnnn	nnccnncacng	ncngnccgcn	gnancgnncn	nngcgcggnn	gcngncnnnn	60
nccnnnnnnn	nnngnnnagt	gcancnatna	gctccccggc	gacncagnnc	cagaccennng	120
nggncgaggg	cgcngcnag	gnacnnnttg	nttttcggtn	tgncnccga	gccgagngcc	180
ggggcanggc	ggnnagcncc	ggncacagng	ntgtgngcnc	angngngngc	nngcggnccn	240
gggcgccctg	gtcngcgcg	gnctaccnc	ggngggagg	agattncng	ngngcggncc	300
aggcacantg	gggcccggagn	agnanggtgc	gcgcncaggg	gnaanacngg	ctngtncgcn	360
gngggcnggc	cntctgngcc	aaggagnccc	nccncccgag	nggggcggn	tcnnggccc	420
agccgnttac	nagccnnaat	cnacnnnggn	cccagaggcc	cccgggtccc	nacntnggccc	480
cgaccggng	ggncccccgn	ggggggaatt	tcnnngaggc	naanancggt	nnggnaacccc	540
gnncgcccc	tcaagagAAC	cggcncnnac	nnccaacagg	gccnaagngg	ggcctagtna	600
aacaaanccc	cacgcccacc	cggcggnang	ggccnccgnnn	ggnggttacc	ntatccngnc	660
cgnaagcccc	gaancggaan	ggggccnttg	ncaaaaagcn	anggggttnn	nccccntntg	720
gccnnnangg	gccnccgng	aaactngggg	ggggggnggn	gnccccaagt	atncggggna	780
agccctgnag	gggggggann	gtaacccttn	nnnccctnta	angaaacggg	gggggncnnn	840
ccccccccca	aggggggggg	nggnttnaag	ggcganccca	ncnacnctnt	gtcnggggaa	900
nnacccccgc	cg					913

<210> 4357
 <211> 745

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 4357

tttctaaatg	cttggcnact	cgntctttct	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggataggcca	cattccagta	agaactcaat	ttgtctccca	aatttgcaga	aacaaaacgt	120
gatttaaaag	ctgagctttt	tatcagaagc	ttttttgatg	ttttaagtgt	tatgtgactt	180
gttgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	240
aactaattct	gattgtgtcg	tgcccaagtn	cccttttttt	ttaatgaata	nggaccaatg	300
ccacattgct	ttttatattt	ctttcttttt	taatgtngcc	aaaacccaaa	gtagctttgn	360
tttcctttgt	attttgctac	tttgacgtat	ttgtgtgtgn	ggttnttttt	ccttaatttg	420
aaagggacag	cactgtgtat	gtttataaac	ttaatgaaga	tnagatatta	ttttgntaaa	480
cattcatctg	agaacaatca	angcagtagc	ccatggngct	ggctnctttg	cagcannaaa	540
ccntgnacat	tttgatgact	gtacaacang	gaagaacttt	gaaaaaatca	cgggtgggatt	600
catattaccc	accggnntnt	catttcatgg	gannctttct	tgatcaaaaa	aaagctnacn	660
tccgtaantn	nntnatattt	cctttctggt	ntcntaanaa	aatatngggg	tgtttttggt	720
ncccaanaat	ggnaattttt	gcnnnt				745

<210> 4358
 <211> 893
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(893)
 <223> n = A,T,C or G

<400> 4358

nnnnaanaan	anngnncana	nncannanng	nnncnnncnn	nncannnnncnn	nnngntnann	60
nacgnaanac	annnnannag	nantccnnnn	nnnccgcncg	cgnnnnnnnnnn	ncagnnnngcn	120
gnagncaenc	tctttnaaat	cncttggcng	agntccatgc	angnatacca	cgcagcggna	180
ggacaccngg	cgntggggnt	cnngtagtnn	ggncacaggn	ngggncntat	ggcaganaag	240
nacncagcan	cnaccagag	cgtaatgggn	ggccganacn	ggntggggng	cacgatnact	300
gtnccaanaa	agacggagaa	ctggcagcaa	ctgcangngg	cggtggntnn	cnncnacnac	360
nnattgcnag	tcatagcggc	tatgtgcana	ttgactggaa	gagagttaga	aaagangnan	420
ataaagcnaa	aagacagant	aagaaacgag	cgaacaaagc	ancaccngna	ancaaacacnn	480
taattganga	agcaacagaa	tngatcaagc	agaacatngn	ganatccagn	gggatntgng	540
gggaggctnn	nagctcggac	ntgcactctna	aggacaatga	atattcnccc	anaaacggat	600
ncaaactatg	aanaacagaa	gtgggcagcc	antaaggcag	nntctcaaaa	gncatactcg	660
ccaggantct	ctanggcaag	gagaaacaac	cnngntggac	aattantcaa	ttccaaactn	720
tanccattat	gccaanctgg	aagcttggca	aaactagnna	tcngctngan	aaaccaacct	780
atatggggca	tgcggaaccc	ngangnantn	ccccngcaa	aaacgnnggc	tancaancga	840
ntnagcanaa	aanatggcnn	ncngtnnaag	naaacctngc	cctaanaaaa	ccn	893

<210> 4359
 <211> 1837
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1837)
 <223> n = A,T,C or G

<400> 4359

cggttttggg	gnttttttcc	nngnntgggg	ggnaaaaaacc	cccccttttt	tttttngggg	60
gggacanaaa	gngancntnc	netcgnnngcn	cgngcngnnn	gcgngntgcc	tnanncgtag	120
gcncgnntgt	gtggngntg	gncgtantgt	ncgctncggn	gcngcacaga	tgnngcgngg	180
ggggngntnn	ngnngagnca	gtanngncng	cnagcnnnag	tgntnttttt	tngcnangnc	240
ggncnanggn	gagagntgnc	nnnngngggg	gggnatggna	gcaggngngn	ngcggggggg	300
ngnngngnn	ncgngngcgn	naggaggngg	gnggggctgg	nncgggagng	gnnncgcgcn	360
cngtngggcc	nnnngtnncg	gngtgggggc	nnaggtggnc	gggggcaggg	gngttactgn	420
tttggcgcca	ggngngncca	nnccanggna	ncngagtngg	aganngggag	gcggnaagg	480
ngtggnannc	nngtctngnn	gncggngnnt	tnagacgntn	cnnnnggang	agngtgagcg	540
ngnnggcngn	ngagnntgcn	cacgcagngn	nngggagcga	gnggctggng	angtatganc	600
gnggggcggg	ntgnnnggca	nnataggntn	nagtnggaca	ngcncnggtc	ngaggntnn	660
gtnnatngct	cgntnnnatg	gtgnnnggca	nnangtcgag	ggngcgcgcg	tnnagggaag	720
gtgggggtgt	cnetntntgt	nggggttang	nnagannctn	nnnagagct	cgngggnngg	780
ccnnnnagag	tcgcnncncg	aggtggnnnc	gacnggccac	gangtncacg	ngngtntggt	840
gnaagcatgt	nggncgtnac	gcacgtacg	cgntnngnng	ttgncggnac	gcntnngggg	900
gctcgancnt	nanngcgang	gannggggga	agggcngcgg	nccacgggnt	ncnngactgg	960
ngtgngngag	gtctngtgcg	gtggggntag	tgngacntgc	agncntnct	cagganagng	1020
gngggactgg	tagctnacag	ctnngntatt	nggacggcgn	gcgannggtg	nnantgtgtg	1080
ncgngngnan	ggnggncgan	anantcntcg	cggntcntga	gacggagctn	gngagcgngg	1140
gannggngng	agngnngaga	nnctgtgagc	naggagaggg	agcaggcgnt	gnnagcngng	1200
agnggggtgt	cnnnangtac	agtgtgnagg	ncagagnncg	cgantnngga	gtncgcgncg	1260
tntcggnngc	tntgacgtgt	ntntcggtnt	nggggggtngc	gtcngtggnn	ncngngtntn	1320
nnnagggcgn	gnacgtgnnt	ntgtggggng	catagtatng	gcgctnnanc	nctgtcgeng	1380
cgagaggtna	gtgngtntgc	nnccagngt	ggngnagtga	nggggggtgt	ngtgannngg	1440
ggtgtnnccg	tnagnggcgn	gggacgtgnt	gnganntgcn	ngnnnaagca	cggagcgngn	1500
gnntcgcgcg	gcgagacngg	agattnnngn	gnggagggc	gngcncncgg	aggtangcgg	1560
tcntngagga	gcnnngggta	tggtngcgca	ngcgtntttg	ngcgtntngt	gactgggagt	1620
ncgctntngc	gntagagtac	ananggaatg	tnatctntcn	ggnacgggat	gganacnggt	1680
ggnganagct	gcngnctcga	gggacanatg	gcgcgcgggc	ggagnagtg	ngngnagcgc	1740
ggacnggggt	ctgagacgcg	nnnggtgggg	nnntnganan	gtannngent	gngngngggg	1800
nnngnntgat	gcngggagcg	gngtatatna	tgngngnt			1837

<210> 4360

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 4360

gtnacncccn	gcntttctaa	tgcttgccga	tcgnactntn	tgaggtatc	ccatcgatnn	60
gaatacngca	cgaggcgagt	caaantgtnt	ntgnnagcng	anctcctnnc	gggaccngng	120
ngcngngntg	ncnntgatgc	nagggtgggc	atgtnnnnca	ncaangcctt	ttttgntggc	180
cncnctttg	ntgaangang	gatgtggaag	aatgagcttg	atncttgtna	nnngcnaaat	240
nngatggcca	anngattgta	tagacnctcc	catatgggtg	canaccaggt	ntcancttaa	300
ntgaatgtac	tcannnnncn	ngnccntcnn	nnntcnagnc	nccttntctn	gnactntann	360
nnctntatn	tttatganta	ccctantgtg	ggtgcnnnct	tgagggggan	acanatacta	420
tgntcatncc	cngnnancta	cttttggncc	nccagatccc	catgnttttt	tcctatgcnc	480

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gncaacttgn atctnttaaa tacatagggg gtgnacgn gn gtataantac naactcttct 540
nggggtgntgn nganaantnt gnccangcct gatntcantc tcangtggtt agttaaaacn 600
attnnnnata cacctttttt tnaccntttt attgggggtcn aaaaaaaant tncgtcccgn 660
tttggaann tngnttggn cctttttntt ngnancaatc ccngaacctt ngntaaataa 720
ntanccctcn tttgaanata ntggannnng cnccttncc ntcgtttttg gtcgcngggga 780
anaaaaaaag gnctcntttt tcntngggat tntntttggg ggctcntngg cctttntttt 840
nn 842

```

<210> 4361

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4361

```

ggnttnnnnc nnnnnntttt nnnagagccg gnnnnnnngnn nnttnanaat agncaggcta 60
cttggtcttt ttgcaggatc ccatcgattc gaaacaacgg agttctcttt tctgaatctg 120
caaaaaaggg tactcacttt gtccagttat gctgccaaag aaatattcct ctgctgttcc 180
ttcaaaacat tactggattt atggttggtg gagagtatga agctgaagga attgccaagg 240
atggtgccaa gatggtggcc gctgtggcct gtgcccaggt gcctaagata accctcatca 300
ttgggggctc ctatggagcc ggaaactatg ggatgtgtgg cagagcgtat agcccaagat 360
ttctctacat ttggccaaat gctcgtatct cagtgtgtgg aggagagcag gcagccaatg 420
tgttggccac gataacaaag gaccaaagag cccgggaagg aaagcagttc tccagtgtctg 480
atgaagcggc tttaaaagag cccatcatta agaagtttga agaggaagga aacccttact 540
attccagcgc aagggtatgg gatgatggga tcattgatcc agcagacacc agactggtct 600
tgggtctcaa ttttagtgca gccctnaacg caccaataga gaagactgac ttcggnatct 660
tcaggatgta actgggaata aaggatgttt ctggtggaca tgtactgaaa attaacacat 720
gtngtancct taaaatttta gactttctcg acatgaggct ggtacn 766

```

<210> 4362

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4362

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tttgaancct ttgaaaccct tttgcatttg aaacctttgc aannccgctt tttgcnggac 60
cccacgntt cgaattcngc ncnanggcaa ctttnnggaa ttctacngt tgangactgc 120
canatgaana cctactttca actncttttt cccccctcta gaagaatnaa atcgnatctt 180
ttacttacct ctggcnaaan aaagaaaaat gaaaanagtt catttattca tntgtattct 240
atntancaaa actgantgnc aaaagtgcct tcngtccaca cacacaaant ctgcatgtnt 300
tggttggtgg ntctgtcccc tnaagaacaa gctacacatc atggntacan tataaattct 360
cgatctacct taangatgag gactcctnnn agaancattt gctattgatt aatacactgc 420
ttnggcnnngc nagttnanca tncntgcagn ntgtctanag accacanang ggccttttgt 480
ttaanganga atgatgntta nactnttttn aaaacctata aaatgggncc ntttnnactt 540
tgttnacant naaangcata agtnggncnc tggncantac cnantatnaa aatgtctanc 600
ttnggnaagc ctcatgaaan gngggagngn tagaccgtaa tactggccca aaggngngag 660
actttaactt ctgtgcacnn cctgggncan accacctgcn nctgcctnta tgggttnacg 720

```

agctnntaga cagaagaaca gtttgc

746

<210> 4363
 <211> 900
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(900)
 <223> n = A,T,C or G

<400> 4363
 tcttactttc tttttngaaa ccctttttacg caaggatccc atccgatttc gaattccggc 60
 acgagcagag nagccctttc ccagnaaagc ctggacaccc gtgtctttat ttngnnagcn 120
 cgtgctagtt gcttttaact ggccgacagg tggctggtat ttagcccttg aattataagg 180
 aaagatagga cagaataaca agcaaaaggg gtccgatggt ctcaccactc aacgctaggc 240
 gaaggtctca ccgttcggcg ataggcgata gtctcacccg tcggcaattg tctcaccact 300
 tgggtgataag tgaangtccc ttcggtgtca ccaaaatgtg tncagaattg gtgggttctt 360
 ggtctcactg acttcaacaa tgaanccacn gacactcgna gtgagtgtta cagttcttaa 420
 aggcagcntg ttccggnagt ttngttcctt cctgattggt ccatatggtt tttcannaan 480
 ttccttcctt tctngntngg gttccctnng tcttcgcctt gggctncaag ganatggaaa 540
 ncctgcaaaa ccctttcncc ggtnaaactg ntttaccagc ctctttaaaa tttaggncnn 600
 ccatttttgg ngangtttng ntttcnntt ccttccccc attngnggcc ttcnctnngg 660
 gccttctcct tnggccentt ccanggtaat tnaaaaacct tnnnncagan ccttttcnnc 720
 acttgcnanc ttgttttnac aaaccttaat tnaaaaggcc ccttgggtcng aaccccccaa 780
 nnaagtggaa nccnnttnnc ccaanaaatt taatttngcn aaannaacca atanntaacc 840
 canacnttn tcaccanct gttttcnaaa ggggtanccc ctaatcennn atttgcnct 900

<210> 4364
 <211> 1565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1565)
 <223> n = A,T,C or G

<400> 4364
 ttttnggnnt annnganncg annnnnannnc tcaacnnggg gggnaaaaaac nccccacgg 60
 nnagggccag ggggnaancc ccaaacnggg aaaacccggg aaaannnacg gggcnaacgg 120
 tagggggngg gngggggccc cgggncnctg gggggggggc agaancaaan ncaagcanac 180
 ngggttttt ttttttttna naanngggnc cncnacaggg gcggnggaaa ngccacacgn 240
 gggggggggg ggggnagtnt gtggtctgaa aaaaggnccn nggggggggg ggctactnaa 300
 aagccangag cnacangann cnagnnaacn cgganacang ggnacanngc nnnanaggaa 360
 nccnncnncn gagaaggccg gnanngccnc gagnagnacn gcncnacgag ncccaccngc 420
 nccaaaacan cnnncnacca nnangnngnc nnnaaaanaa angaangcgc aaacanacnn 480
 acgcaacgcn anananaann aaagnnngnc ngaancgnnc nncncnaacn ncnnacacna 540
 ncgggnaaga nnganggnng nncacnaaca acnagngcan gngaganaan ncagcannga 600
 gnnnnagcng acncagnacc ncacnaaaa gncanagggg nccnacannc nanaaaanna 660
 nacgnaagnc ncanacacnc aagancnatn gaaaaacacn nccccanna ncaacaanna 720
 ggataccac aagcaganna caccanncna nngccnacnn anacgcccg nangnnacaa 780
 tagacacnac nagegnnanc anaganaacn cncnngctna gnnccgaanaa nnannagnnc 840
 aagacggacg ngaaancgac acaangnnnt ncacacaaaa ncncaagnag actagaggan 900
 ncgancacng atacagaaa cacacagnac gcnnnggcag agacaanna agnnnnngnaa 960

gacgcganac	anngacagna	nnncgcncan	cgangananna	cgngacacna	canagnngna	1020
cacatngaag	cgacnncaga	cngagngcnn	aagnananga	agcgnacgaa	nnngcanana	1080
nanagacana	acagaggagn	gagngnacca	gcanacacaa	gnnaaanaga	gcannnacan	1140
aaccnacacg	tnnacacccg	gggcanagng	agntnnacnc	nngaggncac	gcgacanaga	1200
gnaggnacac	acacngacaa	nanancgaca	cagacgngac	cnnagacang	agagngcacg	1260
acaaanacnc	gnnncgcagn	gacnncccag	nacancgcga	acacgacgnn	gacnnagaa	1320
anagaananc	aagacanang	ncnaananac	aacaganaag	ngnagacnca	nacananaga	1380
ntngngacan	atccgacaga	gacacganac	cncaanacng	acgcgngann	agnnannag	1440
aagnnnnccn	gcgccgacnn	nanannngna	caantcgnaa	cgangagagc	gccggangag	1500
angagcacac	acaacancac	ntnnnacnac	agcgangaag	aganacgnga	gncnagagac	1560
agaat						1565

<210> 4365

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1052)

<223> n = A,T,C or G

<400> 4365

tncgtgtgt	cccttgnaa	tcnnaaant	nncttgccat	cgannntng	cgacncggag	60
gcaccgactt	cangcnngn	naacncnngn	ngangacnnt	ganngttttt	gacagcnnac	120
ngngancnng	ancacgtng	ggngcngna	gaaatgcacn	cncgcncnca	gnacgctnan	180
gnngntacnn	nacttgangn	anaagnnnaa	nnnaccgcn	naacagaaaa	cgnnnnggtc	240
ngacgccant	ncaggcnngn	anananactg	anganagana	nannccnggg	acgntcnnnn	300
cangaanagn	nnnnggacat	gannacnnna	gnanaggcng	nnnannnnna	canaancgng	360
nnnanacnna	tnngcannna	gcnanngcnc	acctntnaca	cnaagnnaga	nnaacccgcgc	420
gngantngac	ccanancaat	nanncnnnnn	gcttcactcn	nagngcanac	ntgnntaaga	480
cggnagcanc	ccnncnatcn	cgacaggccg	nnncagagag	gnatctctna	cgacacctag	540
cgcatacnta	nnacacnanac	aggnccgagc	agaagatcnc	tnannancna	ntntnatcnc	600
ncnnanaaca	tgccgntntn	naccctnnn	gtcantntga	cacannanag	tacgataaat	660
gntccagacc	gatagagcna	nctctcncac	gntnngnngg	cnngngtaga	cnccaaagcn	720
acngnancgc	atntacgnnn	agnnngcntn	actncaannn	ngctnacncc	gtacgacagc	780
accantnnan	tgngtcgnnn	acaacngnng	nnnggnannn	tnngnaannng	annnccntat	840
gtnnnnnccgc	cntcnngaa	ntcgaaagct	ggncntngcn	nncgnnnggn	ncnancnnaa	900
nnannacnnn	gtnancngng	ncgaannnat	annagnattn	ancnttcncg	nctanctnca	960
cgntnngntg	cnacaccagn	ggntntnccn	nngatnaanc	nantgangag	tccgccgnan	1020
nnnnccnnann	nnnagcncnn	nannccnnnn	cc			1052

<210> 4366

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (714)

<223> n = A,T,C or G

<400> 4366

gntctctatt	nnaatcgctt	ggctactcgt	tctttctgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gtgtatccag	atctaagtaa	tctcagtga	ctatacattg	cctaaaaagt	120
ggttttgtaa	tgatttgtag	tcacatttct	attgggatat	gtagaagaaa	aggcaaaatg	180

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cttaaagttc cttttatttt ttaaaagcag ctagatagac acagacttgc cacctcatac 240
atctgctcct tggcaacatc aaggggaaac actagccaac atgcctatgg ctaaaaactt 300
tcctttgcag actaaagcac tgcttggtgc ttctgttttc tacccttcac aacatgtgtg 360
atttcatcta agagatatat acatgtacac atgccctttg ttccacactg gatacaagat 420
cactcatagc taattaggac cattgttttt tgttcatctg tcttggtgca tgaagggaca 480
ttagacccat ttccattaaa ataagtcttt ggtgataaac tgtggcactg ctacttcttt 540
ttaaattccac tttatgattt caagatggac acttgtaaga tgactcgaca taaggccatt 600
gcctggaagc cccagagctt tcctctgttt gtatggcccg ttcatgtccc aggcatgca 660
acacaaactc aagatttcac cacaacatga caagcatttt cctactgata ttag 714

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<210> 4367

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 4367

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gcctcacgct nntgtacttt ngttgctgtg ttgctgtgct gtgtgcecnct nngatntgac 60
nactacacnn nncnaagggtg ccngcctcc tncnngatng tngnaagnat acttgacata 120
tggagnngca ttngnctcng ccnangtgaa anngattgga ntatnncnaa tgcgggggttg 180
gaaaanacnt gnnnggggna tatactgtga cngtccgcca cataaatcgg tngccatatg 240
aactatngaa ggctgggttaa ngacntannc tggctacnan atngctgatg tanatgnncn 300
anntgngnna catanactctg gntgtcaacg natatnnnaa tntcnnggna cngngaactn 360
atnctggngt gcncacagag ctctcnngat ttacttatca ctatnanata tgggggtantg 420
cggaactcta ngcanntant gcttcacntn atnttgnaaa ancatatggc atnntcantt 480
tgcttgtaaa gcacttcatt cttaactgct cctnaggann ggtnttcenc ncaanggnat 540
ntnaaaaaanc agntttgntt ccttngntgg cgnaccnant nnttgngann tcttccccag 600
ngnannanaa ggttacttna ggttccannc ctenttntaa nncnttataa tgaatnnncn 660
ctnaaaaanaa annnaanntn nctnt 685

```

<210> 4368

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4368

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tcctttttcan ttcaactnct tttgttcttt ttgcaggatc ccatcgattc ggtgggaact 60
ggctcagggt ggattactct tgctgctgtc ttgctgtntc gtatgccact gggatctgaa 120
cactaaacat tgctaagaaa cccacccacc accaggatat ttggaagtaa cttcacatat 180
ggaaaagtta aagactcagt ctctgagaaa acaattggac tgatgcgaat gcagttttgg 240
aaaaaaactg tggaagatat atactgtgac aatccaccac atcagcctgt ggccattgaa 300
ctatggaaagg ctgttaaaaag acataatctg actaaaagat ggcttatgaa aatcgctgat 360
gaaagagaaa aaaatctgga tgacaaaagca tatcgtaata tcaaggaact ggaaaattat 420
gctgaaaaca cacagagctc tcttctttac ttaacactag aaatattggg tataaaggat 480
cttcatgcag atcatgctgc aagtcataat ggaaaagcac aaggcattgt cacttgcttg 540
agagcnacac catatcatgg ggagcnagaa gaaaagggtg tccttcccat ggatatttgt 600
atgctgcatg gtgtttcaca agangacttt ttaccggagg aaccaagntn aaaatgtgag 660

```

agatgtaatt atatgacatt gccagtcaaa gccacttgc cctaaagcat gctagncctt 720

<210> 4369

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 4369

ttanttnocat	cagctcttgt	tcttttttgc	ggatccctcg	attcgaattc	ggcacgaggt	60
tttnnttttt	tttttttttt	tttttttttn	ggggtacggn	agcactttta	tttttcctta	120
cacaatgacg	tgttgctggg	gcctaattgt	ctcacataac	agtagaaaac	caaaatttgt	180
tgtcatntnt	tcaaagaatc	gagaattgng	tacaaaaaaa	accttacata	aattaagaat	240
gaatacattt	acaggcgtaa	atgcaaaccg	cttccaactn	aaagcaagta	acagcccacg	300
gtgtnttggc	caaagacatn	agctaanaaa	ggaaactggg	tcctacggnt	tggactttnc	360
aaccctgaca	gacccgcaag	acaaaacaac	tggttcttgc	cagcctctaa	agaaatccca	420
gaacactcag	ccctgacacg	ttaataccct	gcacagatca	naggctgggtg	gccacagac	480
tcaccaagcc	acagacttgt	ntttcacaag	cacgttntta	ccttagccac	gaagtgccaa	540
gccacacgtt	ctaaagggtg	aactcaaaga	tatgtacagg	gtnttaaaca	aatccaaggg	600
gaacagttaa	cttcaataca	aggncaaaat	cagcacaagg	tntacaatnc	agngctgatt	660
taaatacaag	ctttaanggc	aatttntttt	tgaangnttt	ttccatttcg	ngaggntngc	720
catgangnng	gtgcattttg	ncnnggggca	aatttntntt	ttcaattaan	ccatgccaga	780
aaangctccn	catttgntgg	gtccggttn				808

<210> 4370

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 4370

ggntttttaag	atcagctact	tgttcttttt	gcaggatccc	atcgattcgc	cagtccatgg	60
gcaattggca	gatcaagcgc	cagaatggag	atgatccctt	gctgacttac	cggttcccac	120
caaagtccac	cctgaaggct	gggcangtgg	tgacgatctg	ggctgnagga	gctggggcca	180
cccacagccc	ccctaccgac	ctgggtgtgga	aggcacagaa	cacctgnngc	tgcgggaaca	240
gcctgcgtac	ggctctcatc	aactccactg	gggaagaagt	ggccatgcgc	aagctggtgc	300
gctcagtgc	tgtngntgag	gacgacgagg	atgaggatgg	agatgacctg	ctccatcacc	360
accacggctc	ccactgcagc	agctcggggg	accccgctga	gtacaacctg	cgctcgcgca	420
ccgtgctgtg	cgggacctgc	gggcagnctg	ccgacaaggc	atctgccagc	ggctcaggag	480
ccaaggtgg	gcggacccat	ctcctctggc	tcttctgcct	tcagtgtcac	ggtcacttcg	540
canctaccgc	antgtggggg	gcanatgggg	gtngcagctn	cgggacaatc	tggttacccg	600
tcctactctg	gcaactccag	cccngaacc	aacccccana	actgcagcat	catgttaatc	660
tgggacctgn	caggcagggg	tgggggtgan	ncannanann	tnnnangnaa	atttnncttt	720
taaant						726

<210> 4371

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4371

tggggggtttt	atanncagct	cttggcctttn	gcngttnnag	aganngctac	tngnnctnna	60
gncgagctct	acatncanaa	ctnatcaatg	ctgatgtggc	taaataccta	gcctttttaca	120
tgnetgcccc	ttccaggctc	acatcatttt	atttcttttt	tctttgtctg	gtgggtttttt	180
ntttttgagg	caggagaatt	gcttgaaccc	aagaggcgga	ggttgtgggtg	agccgagatt	240
gnaccttngt	actccagcct	gggcaacgag	caaaaaactc	tgtctcaaaa	aaanaaaactt	300
gcacntgatn	aaaaaanggt	ttcatgacnn	agcatgcnc	ttnnctggcg	gacatttccn	360
gaancagacc	ctgttantcc	tttnacttac	ctgctgggatt	tttnaagcgc	taaattttata	420
acttntttga	aacaannact	ngtgtaattn	tnccatttgg	gggcaaactn	tattcntgtg	480
ancattattn	aatcttggt	gtnaatntat	tganancccc	ttaatanttg	caatgggtca	540
aganaagctg	ccacggngtn	atnatcctct	ttanattggg	cntccantat	tantgatgca	600
ntcatgactt	ntgggtttnac	ntgtntggga	tggggccaat	aaatgnatnc	ttcaagcnnng	660
ncaaaaaaaaa	ncccnnggatt	ttgattcnna	nngggnacnt	ggnggtttnc	tgactttttac	720
cntaaattac	cttngtntgg	ntcttcattt	aaaaaaaaaaa	cgcntnt		767

<210> 4372

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 4372

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	ganccentcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgttn	gngtccgtgn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taatttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctgggtctcaa	gtgatccctc	tgcccttgcc	tcccaaagtg	ctggtattac	aggtgtgagt	360
cactgcacct	ggccaagttt	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccaa	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttea	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	tngtaaccct	ttncntngac	tngaattaac	600
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanacctnta	tagncaantc	ntnttaanne	cccnaatcnn	ttagnccntn	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaacccct	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4373

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4373

gtnttttcaa	anntnaggct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggctctcg	agtttttttt	tttttttttt	tttgaggag	ataaaccaat	tttatgtcta	120
tcatgttata	caaaaatcta	gaaataatag	atttgtacag	aaaaaatga	taataaatga	180
gaacacaaaa	catataattt	aaatttggtg	tttttcccc	catgatatta	ggatgataat	240
catttcaaag	cacatgtcta	gcttcagagt	aggatttggt	cactggccaa	agcctgccat	300
gaaactatgg	ctttcagcat	ctgtctgctc	tactggctct	tgacaaaact	cttgaggnct	360
tcaagaaaag	taatgtactc	ctggtgctcc	agggctgtgc	tgagctccac	cagctcatct	420
gcaaaagtgt	tgtccacccc	tcggctggca	aggaaatcca	ttangtggtc	atataaggcc	480
cagtccaagg	aatctgtggt	gagtgtataa	ttagtatcct	tccattcaga	ctcgccagtg	540
gactgaaagc	taacttccct	gatagagaag	atgtcctctc	agcctcgctt	cttgtccacc	600
tcacctctcg	gataatgacc	gtccacacaa	gggccccttt	gccatcatca	ttctttataa	660
cttcaccccc	gaaatttggg	aagttgatgt	cagttcaggc	tcttgnnctt	caaccttctg	720
gccttgncga	ngg					733

<210> 4374

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4374

tcacagtttt	ttcntccccg	aancgttnga	aaattcctgc	aggatcccat	cgattcgggtg	60
gaactggctc	aggetggatt	actcttgctg	ctgtcttgct	gttctgnatg	ccactgggat	120
ctgaacacta	aacattgcta	agaaacccac	ccaccaccag	gatntttgga	agtaactgca	180
catatggaaa	agtaaaagac	tcantctctg	agaaaacaat	aggactgatg	cgaatgcagn	240
natggaaana	aactgtgnaa	gatataact	gtgacaatcc	accacatcag	cctgaggcca	300
tngcactatg	gaaggctgnt	aaaagacata	atctgactaa	aacgatggct	ttntgaaaat	360
cgtcnnatta	aanggaanaa	ananantctn	ggatgacaaa	ancatatcgt	aattatcaan	420
ggaactggaa	aanttatgct	gaaaacacac	agancntnct	tctttactta	acactagaaa	480
tatanggtat	aaaggatctt	catgcanatc	atgetgcaag	ccatattgca	aaagnacaag	540
gcnnrtgtcac	ttgcttggan	agcaacncca	tattcatngg	nagncanaat	taaaggggct	600
ncnttccctna	tggaatattc	cgtatgctcc	nattggggct	tncncaatga	angacntttt	660
tntncnggat	gnaacccanc	tatnnnaann	tggtntacaa	cannntatat	nnttttnnaac	720
ntttnncccn	nccanancn	acncttggc	cnetctaaaa	agnantgctt	ctngtccccg	779

<210> 4375

<211> 1165

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1165)

<223> n = A,T,C or G

<400> 4375

annaaancac	acnnnccaca	ncaanaaana	canncanana	nncnannaaa	cacaanacna	60
accnncnenn	cncncnacaa	acnnncacan	ncnncanenc	ncncaannng	cgngcttcaa	120
cnnatggnaa	gccctnggcn	acacgnanna	acagcncgna	ancnacgcna	cgcnccnann	180

cngannnaan	acacccanan	nacacgagag	agnnancnaa	cacnannana	cnnacccgcn	240
ccnanaaaanc	nggnccnnga	cgangccgac	gnacacanc	acaaaacncg	acaaccccna	300
acaaaangca	aaacgcgnaa	agancnang	acnannaaaa	agncgccang	anancaacna	360
gnacacacgg	acnaaccngn	accngcanac	ancnnnccac	aaaccncgag	agcnaccccn	420
acgcagcanc	ncnnccgcaa	annngnann	nacacnccna	gccccagann	angaacccag	480
cancnnaan	cannngcnc	nacgaacaac	aacnnanana	nnaaccccc	gacncacaca	540
accagnnncc	nacnganac	gncnaccnc	accncacngg	aacaananaa	ccaggccncn	600
aanagcgnaa	acaacccaaa	aagnaccccc	ccnacanacn	caacagnana	cacacacccn	660
cncgggacaa	ncanacncac	nnaggaaaac	cccaannngn	gncaaatan	ancccccaca	720
acacagcacc	aaaangccaa	ncnccaaaac	aaggcgnaac	nacnncagcc	gcgacgacac	780
aaacaccacn	naancnnaan	cannnnncag	ggncaaaacn	ngcaaaanng	nnggcgacac	840
actanancng	ngacacccca	ananaatan	ccccanggan	cgacacanna	acagcgagcc	900
gaanccggna	aanaaacgna	aaaaccnggc	ncaccnacca	ggcacnaccn	caacaccacn	960
gcaaaaaacc	ancncccnna	tcaaaacacc	ccaagaanng	ncacacacng	nncacaaaang	1020
naccncnna	anaagggcca	anngccccan	gaacccccca	cancnnnncc	ncangaanaa	1080
naggncccna	cncanggccn	acnncaanga	cacacnaccc	caagaannca	ccacagcnag	1140
anaancanca	ccccancann	gaanc				1165

<210> 4376

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4376

tttnacactt	tngcnacttg	ttcttttttg	aggatcccat	cgattcgaat	tgggcacgag	60
gttttttttt	tttttttttc	acgcttaatt	cactttat	ttcttgtata	aaaaccctat	120
gttgtagcca	cagctggagc	ctgagtccgc	tgcacggaga	ctctggtgtg	ggtcttgacg	180
aggtggtcag	tgaactcctg	atagggagac	ttggtgaata	cagtctcctt	ccagagggtcg	240
ggggtcaggt	agctgtaggt	cttagaaatg	gcatcaaagg	tggccttggc	gaagttgccc	300
aggggtggcan	tgcagccccg	ggctgaggtg	tancagtc	ngataccagc	catcatgagc	360
agcttcttag	gcacaggtgc	ggagacgatg	ccagtgc	tgggtgcagg	gatgaggcgt	420
accagcacan	agccgcagcg	gcctgtcacc	ttgcaaggga	cagtgtgggg	nttgccgatc	480
ttgttcccc	agtagcctct	gcgcacgggg	acgatggaga	gcttgccag	gatgatggcc	540
ccacngatgg	cgggtggnac	ctcctgggag	ccacttaaca	cccanaccga	cttnggccaa	600
aanggcctta	aaccggtaaa	aaggccnctt	tnnttgccgt	ttttncenat	aggnttcntg	660
cccccntgna	cangcttttna	caaaaaatct	gnnttttatt	tanaaggtgg	gnaaccccc	720
cnng						725

<210> 4377

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4377

tttnacactt	tngcnacttg	ttcttttttg	aggatcccat	cgattcgaat	tgggcacgag	60
gttttttttt	tttttttttc	acgcttaatt	cactttat	ttcttgtata	aaaaccctat	120

gttgtagcca	cagctggagc	ctgagtcgc	tgcacggaga	ctctggtgtg	ggtcttgacg	180
aggtggtcag	tgaactcctg	atagggagac	ttggtgaata	cagtctcctt	ccagaggctc	240
ggggtcaggt	agctgtaggt	cttagaaatg	gcatcaaagg	tggccttgcc	gaagttgccc	300
agggtggcan	tgcagccccg	ggctgaggtg	tancagtcat	ngataccagc	catcatgagc	360
agcttcttag	gcacaggtgc	ggagacgatg	ccagtgcctc	tgggtgcagg	gatgaggcgt	420
accagcacan	agccgcagcg	gcctgtcacc	ttgcaaggga	cagtgtgggg	nttgccgatc	480
ttgttcccc	agtagcctct	gcgcacgggg	acgatggaga	gcttggccag	gatgatggcc	540
ccacngatgg	cgggtggnac	ctcctgggag	ccacttaaca	cccanaccga	cttnggccaa	600
aanggcctta	aaccggtaaa	aaggccnctt	tnnttgccgt	ttttncnctt	aggnntctntg	660
ccccntgna	cangctttta	caaaaaatct	gnnttttatt	tanaagggtg	gnnaaccccc	720
ccnng						725

<210> 4378

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4378

nngnncccc	nnnnnanna	cgngcgccn	acncncgnnn	gnangcgccc	cnncgcaccc	60
ganangnacn	cnncagngg	cntncnncan	angacggngg	nnnnnncaca	nnacncncgg	120
nacgnngncn	ccgangnnnn	gccgncncng	cnncncceg	ngccccnttn	gaaacnctng	180
ggaaatccga	cacncnctc	gngancagcc	anaccennac	cgncggggga	ngcnnaaanc	240
nncacggcan	ngngncgngn	anacnancnc	ggnnncgcnn	ggncnggaca	cgnacgncgc	300
ccncngncc	cngncggcgn	cangngaaag	ggngccgngg	ccngncgnn	cnacncncgc	360
cagnnanncc	ngnnncgcnng	cacngnnccc	ngccgcncnc	nnncgtcncc	acncncncgc	420
nnancngcn	cggncagntn	cgcagagcna	ngccgcgaa	gaaaaccgcn	ngcgngngcg	480
cccacnggcg	acnacgccag	cncnccnngc	ntagnggnca	nacnnanccg	ngcgngngng	540
ncnnncannn	gacanangcg	caccacggcg	gcnaggccna	ggacgaanng	gcgaccngc	600
gagccnanga	nnancgggna	tngccanaac	cncaacggcn	ncngnnacgc	gnnacngggg	660
cnaatncaat	cgnnggan	gacacancag	nagcgccctg	nnncgcnan	ncggnacact	720
cacacnncac	cngnggccct	caagngagcc	gccantngcg	ngnnncaaag	cangcanngg	780
accatanngg	naacaggcac	aanggcantc	gcacnanggc	nnngnggann	caccccnata	840
gcnacggggg	agcangaacc	aagggcggn	cccgccena	nggcnaaagt	cggncaggct	900
gcacnggncg	gnncannaa	gacggnacnn	nngnnacccg	ggagggaccc	accgncncnc	960
acngggggnn	ncnanggnn	ccacagggna	cngnncgcn	nncccnagn	ccncanggg	1020
nacccgnaan	ggnaaggcnt	gggggccccg				1050

<210> 4379

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4379

tntcaatnct	nggctctcgt	tcttttgcag	gatccctcga	ttcgaattcg	gcacgaggta	60
ttcagcttgg	ctggagcaga	ggcaggagt	gggaactggg	gacnggtgan	actagagggt	120
ggcngaaacc	agccatagta	gtttttgcct	catttgga	acaaggagcc	atccaagaga	180

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gagcggtgaa gctgatgggtg acacagccat ggcgccattga aataccccca gtggctgtgt      240
tgtaggggtat attgggttgg ggagggacaa ggtcaggagg catagactcg acatcatctg      300
atgtgattca ggacagaatg gcgagcctga agtgaagtgt ctgtaggata agttggaaag      360
gaaggaacca atatgagata ttaaagaagt gaaagctata ggtcccagtg ccttaataaa      420
ggtaaggagt aagagaagat tcgagattga ctcccagact ctccagtcctg ctggacatgg      480
gagatggaat agaagttgat ctcggtgtgg tcanaggaga gcagtttctg tgttgagcat      540
ggatagcctg cgntcccca gagaangagt tccagctgnc ttgtaataag ccaangcna      600
ttatggngna gatccaccct tgggagcnac ttccttaggg ggccnacnct tnntagcccn      660
ttanttaann anttcccccc cctanatnnt tccttnggnt ttaaanctng naaacttntn      720
tttacnnttt c                                                    731

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<210> 4380

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4380

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tntcaatnct nggctctcgt tcttttgcag gateccctcga ttcgaattcg gcacgaggta      60
ttcagcttgg ctggagcaga ggaggaggatg ggggaactggg gacnggtgan actagaggtt      120
ggcngaaaac agccatagta gtttttgcct catttggaca acaaggagcc atccaagaga      180
gagcggtgaa gctgatgggtg acacagccat ggcgccattga aataccccca gtggctgtgt      240
tgtaggggtat attgggttgg ggagggacaa ggtcaggagg catagactcg acatcatctg      300
atgtgattca ggacagaatg gcgagcctga agtgaagtgt ctgtaggata agttggaaag      360
gaaggaacca atatgagata ttaaagaagt gaaagctata ggtcccagtg ccttaataaa      420
ggtaaggagt aagagaagat tcgagattga ctcccagact ctccagtcctg ctggacatgg      480
gagatggaat agaagttgat ctcggtgtgg tcanaggaga gcagtttctg tgttgagcat      540
ggatagcctg cgntcccca gagaangagt tccagctgnc ttgtaataag ccaangcna      600
ttatggngna gatccaccct tgggagcnac ttccttaggg ggccnacnct tnntagcccn      660
ttanttaann anttcccccc cctanatnnt tccttnggnt ttaaanctng naaacttntn      720
tttacnnttt c                                                    731

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<210> 4381

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4381

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cnttcttnan nnnatnttctg aagnnncnnn nnnctntntna gttnnncnnnn ntcngttct      60
aatgcttggc tancnnggcg ctcaacgcn ctttcaaacc nagctctngn tcttttgcag      120
gncccatcgn tcgaatcggc acgaggctgn ttcctcaaga aaatgaagag ggnaggatgg      180
ctcagggaaa gttnatcaga gggnaaatgt cactctgtaa agagtaaaaa atttaggatg      240
atgatncnga tctgggaaaaa aaaggcatag tgaagaccac ttaaaaaaaa acaataaaac      300
ctatgaagggt gcatgctatt tcccanagc taaaaagata agtgaaattg tgttttgaac      360
tcttaagtgg aggtgaagca caatttatta gccaccaacc acataagtga ttatgaagta      420
actgagaaac aggtnacatt ttttcccaca tggacaaaac tttctctttc tagaatatta      480
agtatctatg atnagaaatg aagtagcatc tcaagcagtt tataaatcta ccagaatatt      540

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agaatcacct	gggacctttg	aacgtactca	tgcccnatng	nctacctnta	ttcattttntt	600
tttttcgtaa	gatattgggg	acttcaactt	cnggncttaa	aangatccnt	cccacctccg	660
gccctcctaa	aagttgttag	ggattntcaa	ggccntgagc	ccnctgtggg	gcncgtgccct	720
tctnatggtc	ntgcttttng	acccaattta	natnnaatca	tcttgngngg	ttggnnccnc	780
tgggcctnta	aagnatnttt	taaaaanttn	tccnaanggg	gncnactnaa	tttcttatec	840
tatcgatttg	tnnanccnc	nggcctaata	ccttgnnnat	ctctttncct		890

<210> 4382

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4382

gggggtanga	nccctttgan	accnattgct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggaagg	atccagcatt	cggaggcaaa	catgaagctc	catcctctcc	120
aatttcgggg	caaccatgtg	gagatgatca	aaatgcttca	ccttcaaaac	tctcaaaggg	180
aagagttaat	acagagtatg	gatcgtgtag	atcgagaaat	tgcaaaagta	gaacagcaga	240
tccttaaaact	gaaaaagaaa	caacaacagc	ttgaagaaga	ggcagctaaa	cctcctgagc	300
ctgagaagcc	cgtgtccctt	cctcctgtgg	agcagaaaca	ccgcagtatt	gtccaaatta	360
tttatgatga	gaatcggaag	aaagcagaag	aagctcataa	aatttttgaa	ggtcttggcc	420
aaaagttaga	ctgccactgt	ataaccagcc	atcagatacc	aaggtgtcca	tgagaacatc	480
aagacaaacc	aggtgatgag	gaaaaaactc	attttatttt	ttaaaagaag	gaaatcatgc	540
cagaaaacaa	agggaaccaa	aaaaatctgg	ccaccgttat	tgatcagctc	atgggagca	600
ttgggaagaa	aaaaagtggg	ncagaanttg	aaaaataatc	cttcnggagg	gaaaagctta	660
aaggaaagcc	aaaancaagg	gggaattnct	tttgnaaaag	ccagtttttc	cagaaaantt	720
cggaaaaacc	nanggaggaa	ccagccangg	aaaaagattt	ttcancccga	aatttggggc	780
cannaangg						789

<210> 4383

<211> 1266

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1266)

<223> n = A,T,C or G

<400> 4383

angntttncn	cccctttttt	tntgaaaaac	ccccctttt	cgnanaactn	cccngtctn	60
cctgatnntn	gcgangnnnt	acgcccata	gggattttctg	taattnnngg	cctaccggca	120
gnagangatt	atngntatag	naaaantttg	tggtattgtg	tctcntgtca	tccgnetggc	180
ncannnatct	gtnganaanc	ncnnnnntnt	tgggttacat	nccanntctn	agttnaacgc	240
tgtaaactnt	ngagatnncg	tgngnacgac	ancngcctct	ntcatggctc	nnatnacttc	300
naccanaana	tagtatangn	ngcnnntttg	agcagncccc	cnatcntncn	acgacnanc	360
gctaanangc	ttctacgatt	cnntttttgt	nnnactngtn	cctttannat	ccttnncnnn	420
taangccnan	ttgtngnana	ctancgcact	ntgcaaaatn	gntantttnt	ctaactttna	480
taaaatgnna	gtgcnaatac	ngntttcann	nttannnnnat	anaaaaagga	antngantcn	540
tgtntctncc	cctttcangt	anangnnnc	ctagnnnngat	tcnntnngtn	anntattctt	600
atancgcgng	gtagaaangc	ctactttgtg	ngtannattt	ctcttctatt	natnnngttc	660
ctctgtntna	cntnnntgaa	ncnntttagn	angaaggacn	gnanaaacan	naccnacngc	720

nnnaggntnt	tnnnngentan	aatanngant	acttctnang	nccnnttcac	tttctnatagn	780
aaccctccgt	ntgtgagnc	tttctanttc	tnatacnaat	actctttnga	tnccgccacan	840
ttntnnntan	ntntnnnnnt	tnntnagtnn	atgttnnncc	agcannttct	cnntnccctt	900
ctnnnacnaa	ntntgnaaan	nngctttctt	nnnnacntag	tngnannnat	caancctnt	960
ncnctgtg	tcntnanata	ttncnnntct	tantcnnncn	nentanatcg	nggcntanat	1020
accnactnan	ntataatatg	ngnnctngtc	gntnatttnc	aggcattctc	tnngntncnt	1080
ntcttatenc	cntcgtntcg	tgtnccngct	agnnntanta	ntancgtnan	ncatntcagt	1140
atacnntctn	tcntgtgngn	gcatacncta	nnaatntact	gntnctcacn	ngcntgacnt	1200
acgntangan	tngaanggag	tgccccgnnnn	tgcnatnta	tctcncgcac	ctntaccnac	1260
tnntcn						1266

<210> 4384

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4384

aggggtnnnn	nnnnnnnttt	gaaaggcggt	nnnannnnnt	nnnaatatna	gctacttggt	60
ctttttgcag	gateccatcg	attcgaattc	nncncgagcn	gggncgnang	nagccatggt	120
gcccagccgn	aatggcatgg	ncttgaancc	ccacttccac	agnngctngc	agcngcncnt	180
ggcnncttgg	ctcaacnagt	cgntcctgga	agaatccgna	nacgtatggg	cnngacaagt	240
cnagggcgac	cgcatngatt	gacacgcn	ntgtcgggat	cccatgnggg	tcattttgcn	300
catgncncan	ggttcgtngc	nacacanagg	tgctcagccg	agcnnnggatn	tagnctggag	360
gagcttaggg	tgncgggnnt	tcacannann	gtggtcgggn	ccattgncnt	ttgtgtngat	420
nngnagaggc	anatcangnc	cannngnttcn	ctgcatgcca	acgtgcagcg	gntgaaagan	480
tccgattcan	actgatnctc	ttcncncnca	agnnttcngt	ncctanaacg	gagacanttn	540
tgnttaaaga	actgatactt	gtcanncngc	tggaccggan	cgnttatgcn	cttcctggaa	600
cgtnttnnnn	aagganaaaa	ctntaattaa	tactttggga	anagaanaat	ttnanagcct	660
tcnatangtt	tcganttggt	ccgtgccaan	nggcccgggt	tttttnacct	nactnnccaa	720
nanganccca	agggaagccc	ttncaacang	gatngtnaaa	agaanaanat	taancncnt	780
ncntg						785

<210> 4385

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 4385

nnnnnncann	annnnnnna	ngnnnnncna	ccannncnnn	cnacnnagn	nncccgtcc	60
aaagccggca	anncgccgcn	cngcnnnnntc	aaacnttgca	ngcggcacnn	gnngnncccn	120
acgangcgcc	agcgcgcgng	anacngngct	gccaagaaan	gnngcncan	agnccggcct	180
ngagaacagn	acagngganc	gtcanaagca	gngggangac	agacgaacnga	ngaaacntag	240
agcccagggn	nagcnggacg	acggaccagn	tcccaaaggc	ngnggcccaa	agcngacnag	300
ntnnaggaag	aaanacngng	gacacaaccg	gagacanccg	annaggagcn	gacnganntg	360
gaccanang	gcaagaagca	ccnaaacang	ncaccaccca	nacgaccggg	gaaggcacga	420
acggtcngag	cacgagna	acnggaacna	ancaacgcgc	acacannngn	aganagaaac	480

accncnaaca	ancnaancgn	gggaanangn	agaccggacn	cagaagaang	gcncnaagann	540
cggcannгаа	cccnaancn	gacggaannc	agggncggng	ccaacaagan	ggcnangacn	600
ggncaanна	nggccggcnn	ggaaaaacga	ccaagnngnn	cnccaaaaaa	gacanggcaa	660
aagnaaacgg	gcaaagggca	ancncnaagg	nnaagcccna	naacgcgcан	nnggagcaaa	720
angnnccaag	ngaggancna	aagangggga	aagggggcca	cnaagngggc	ggnaaanngg	780
cgaannnaaa	acanagggng	ggggccacng	gnaaacccaa	gcgcgaaann	cnnggcncna	840
agggcccccga	aaacangggg	ngacaaaaac	ccnngccaaa	accnnanggg	ngggncccat	900
cgngannaca	naaggngaac	cgnccaaggg	ggcanaaaagg	aaaggccatn	nnaangnaaa	960
agagccg						967

<210> 4386

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1118)

<223> n = A,T,C or G

<400> 4386

tnggctttна	atncccttttc	nattccaatg	cttggnnact	ttcaacacga	tcccatcgat	60
tccgaattcc	gggcacgaag	caggagctgt	gatctgcccc	caggatttct	gacccccaaa	120
ctggctctca	acccatgttt	acatggatgg	aaaanggaan	agggtgactg	gtngtatcaa	180
gctcttaaag	ggccttactt	ttgggtggaa	aatggggacc	ctaaaaattt	ganttggctt	240
acttggantt	nccttnctgg	tcaattactg	gaaaaatttg	ggcaccttca	nttaanttta	300
aatncttttt	ggaaactttt	taccattaaa	ccttggnncc	tttaaannt	anntatttng	360
ncecaattgna	ngaaantntt	atctcttnna	ttattcatta	aaaatantnt	tncnnnagt	420
ctccnatctc	ttttgntaat	aagnngcccg	gnatnctcaa	ntntacnata	tgtnnaagtn	480
ntnagtcttn	acanccagat	tntnttnttn	anttataant	tgntnananc	gnttnannta	540
nnntatnngn	naacttcnta	ctggctccan	gnntgttnnga	atgttcanan	ttaactantg	600
nantnttnga	aantacaact	nggtntntanc	aaancntcgg	nannngtggn	canttatncn	660
nnngnanaat	gnnaaatgnn	gnantcgcan	gnttccnang	nntctananc	cnnaatctc	720
nangcgnann	canttcatnn	ncggttacct	ccnatnagtn	acctcncgna	ngntatatgn	780
agncatgntc	ttntgttagc	aattgaannc	atcnnncnat	cnagantcca	natantaatc	840
ttnncgntaa	ncncgcttna	nngacgcntt	gntatcccn	tcgngatggt	atatntacat	900
nnatacannn	tgnttganaa	aatacngtnc	ngntcnngga	naatctnagc	tggtntctac	960
agnatcntan	cgtgnaatna	ccntanattg	tncnccnccg	cggngtgtec	canantcgcc	1020
nntagagcnt	catntcnngn	nattngacgg	taatnctgat	atnttntctc	acncagattn	1080
cnnctaataa	aagnngnnnta	tttgtagaaa	tgacnccg			1118

<210> 4387

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 4387

cgccttttaa	gctncttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagac	60
tctggcacag	ccagagtcат	tgttctttca	agcagtcatt	catatcagcg	ggntgccatt	120
nctgntttgg	agcactagnn	naaaatagct	gcactatccg	gngcgnntat	ncnaagctgc	180
ncgcnnnggg	cttgcnttct	tgngggngnt	ttntttgnna	atntcaaaaг	tttctaатcc	240

tnatgccnct	ttttgggnaa	anncaagann	aagtcaatcc	tncccttggg	gaccengngt	300
tcccenttca	atcacgattt	gtnggnnttc	acncgattta	tnnttacnan	gacacaggnt	360
tattgancng	ttangttntt	aacatctnng	aanctnaant	gtngctgnat	gnaatgngcc	420
tnnncanttc	ccatnacntt	tgccccnncn	ngngngnccc	tancgtngtg	ngnntnaatg	480
ccnnan						486

<210> 4388

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 4388

tencctttng	aaatcncctt	ggatnttget	ttcnaatnnc	tggtctttgn	tctttgngca	60
ngaatecnnc	acgagggann	gctgtcngan	antctgtntt	anacggnaaa	nccctgaatt	120
nancatcnac	agtgtcnntc	ttngaancan	nnntnctaaa	ntcnntcatg	anatggagggt	180
gattaagatg	gcccttgctc	ntggatgnca	nacttnngnc	agaatnnacc	tactntgacc	240
ataggatact	ttntnttgta	ggtgtaaatg	gttctnctnt	actaatcnga	nnnggannat	300
annnatacaa	cnttntangg	gatccntann	canntnggaa	cagcngtnga	tgncnccttt	360
nggaggggtat	tcattntnnc	ntcntgatna	aanntnccctn	attntntntn	ctactgancg	420
aacnnntgca	nnaagtgtat	gaanggtgcc	ccctgtncca	atgatnctgc	antgctgnat	480
ncagccctttt	ctggggagcac	cgggtccaagc	gttccggaat	tgattatccc	natcatttnt	540
ganntgtnac	tggaaaaatnt	nnngctnatg	cantnaaaaa	tgtacttggc	ttgctttttt	600
ncaannngntt	atttncntct	ttgggaagta	ataaaaccga	ttcnaccctg	ngaaaccggt	660
aacccaaaatt	tentgggtatt	ttaaggncctt	tttttctctg	tntganggtc	ggagtcnttg	720
gnnccnannt	atttttttgg	ggttttttng	naagaatttc	ctaaaantaa	annttntntn	780
ctaccatttt	ttanananata	aantgannta	anaaaaattt	cctgcccttt	tnaaaacttt	840
nt						842

<210> 4389

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 4389

nnnnntannn	nnntntnnnn	annntanng	atnntntntt	cnnnnncnnat	nttannattt	60
nnannctcnn	nnnttantat	annagnnnnn	nnntatntnan	gantnnnnnn	nnnnnatnan	120
nanatnnnnn	nnncnnnnnn	nnnttttcat	tttngaaacn	cccttaccgt	gccgcnttng	180
ccagtatccc	atcgnnncgc	aacnaccctt	acnnaaaaa	tnaaanaaaa	ntggctagca	240
acgggttntt	tcatcncggt	gtctcttnat	ntaagtttnc	taagttaaga	aaagctgggtg	300
acatattnat	acgtntttgt	gcaaaaaata	atgaatggca	ntagnaccta	aaaanattctn	360
tattatgtac	ttntgtgtga	aaaagtntgt	ataatanttc	cctnaaatat	gcattatttt	420
acttgtgagt	tnnttntctga	attaatctga	aatgtncnaag	ccctggattt	gctacagagt	480
gagaagttat	ngctattngt	ttcttatttg	taatgcttgg	aaatgctgca	caaatcacga	540
agctcttacc	atgggttgaa	caaaaaaagg	ggaaatgggg	aggggaaaaag	ggtgggatag	600
cccagcatgc	ttgtntggta	tattccag				628

<210> 4390
 <211> 676
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(676)
 <223> n = A,T,C or G

<400> 4390
 atncttggct cttggtcttt tgcaggatcc ctcgattcga attcggcacg aggagttttt 60
 tttttttttt tttttttttt atttttataa aaatgtgttt tattgtttta aaacaagtct 120
 ataaaagtag aaatcacatn caaaaataca gattactctg acatgttggc aaaatagctt 180
 atggctggac ttgagtttgg aagttctgta tgtttgaggg catccgatgt cagagtccaa 240
 ccggatccta accccagctc ttgtcactaa tagtaaagtt tcaggtatta tatcatagca 300
 ccgactgagt gataggtggt ggaggtagtt gagctggaaa aattcctgaa agcagtcatt 360
 ctttagcatg acactatcac ttaagtctag atggacaaga ttggggcatc ttctaactaa 420
 agtagagaga tctgatttct ggagattcct tctgtagccc gctaagattc agctggggtg 480
 atggtctctg acacatgcgc aacagcacct gtcattgctt tcaagtggaa tcaaacacca 540
 ggagaggtca ctatccagct ggacagttgn tnccaannt gcaggcaatc aggaatccga 600
 ccccaaaagg taatccccta attgagtttt gcanagnttg catggacca aaccgagctt 660
 cagcttaatn tgactg 676

<210> 4391
 <211> 946
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(946)
 <223> n = A,T,C or G

<400> 4391
 ttctaattgct tggctctcgn ncttctgcag gateccctcgt tcgaattcgg caccgaggntg 60
 tcacangnnn nntgtntcca caggcaccac tngetangtc tnacctgtgn tgnctgttnc 120
 aacncggggc tangnangct ngtattccac ntggataact aancntggt cataccgncc 180
 ntgnacgtgg naccngctnc naggagatgc aacnanacat tctaagatgc ttatgatcct 240
 tacntgtatc tttctntttg gngattcttt tanattggat gttgcaatgg agntgaatna 300
 nctttnnnnc ngctctnntn annnccnntt nnatangnan naactttncn nnnnactaaa 360
 tngnccactn atactaatgt gcttagatgc atatnttacc ctcttnaagt gntaaaaccc 420
 tttagaatcc naaggaccag ngtcaancgc aacanncttc taggacctat gcgaagctnt 480
 gacttgancc ttgggggatc ccntgngngt tanctengat natgtttcgn ggaccngcnt 540
 ngacncatnt anagtnttgc nncattggna ngnccctgtt aaatcccca ntnggaaanc 600
 cnnttagggg ttttanangc ttngngaacc ccnnccccgg gntctttgtt gncccccgat 660
 atngggggnn aaaaccggtt tcaaaaaaag ntcnaacttt ggggttnant ttaaaatttt 720
 nggggncctt tttggangta accctgngna aggtgcatan atattgggcc gggaantttt 780
 ttnggtgggg ggccancctt nggngggctn ncatttanaa atggcttaaa naaaanttta 840
 accnccaann antcnnatnn ncnanaaacn ncnttcengn acaanactcc cttnnaaanc 900
 nncnnntcn aatggtcaaa aantnttcaa ggancnggnt tanaan 946

<210> 4392
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 4392
 caaatcnntg gctcttgttc tttttgcagg atcccatcga ttcgaattcg gcacgaggtt 60
 ggcttggtgt ggatgcaggt tgctctcaag gaggatctgg atgccctcaa ggaaaaattt 120
 cgaacaatgg aatctaataca gaaaagctca ttccaagaaa tccccaaact taatgaagaa 180
 ctactcagca agcaaaaaaca acttgagaag attgaatctg gagagatggg tttgaacaaa 240
 gtctggataa acatcacaga aatgaataag cagattttctc tgttgacttc tgcagtgaac 300
 cacctcaaag ccaatgttaa gtcagctgca gacttgatta gcctgcctac cactgtagag 360
 ggacttcaga agagtgtagc ttccattggc aatactttta acagcgtcca tcttgctgtg 420
 gaagcactac agaaaactgt ggatgaacac aagaaaacga tgggaattctg cagagtata 480
 tgaatcanca cttctttgaa ggagacttct gggaagcaac ccngatcatt tccgcacctt 540
 nagccncatt tagaactttg acnattaaaa cccccagtgg gaaatttgaa ccagatgggt 600
 gatananctg ccacttttga aaagacaagt ctttgggtca antcnccanc ngaccngntn 660
 ccgtaaaaaat ccaaagcttt nnggaaagaa gaattntnn aaattcttag ggnttccaac 720
 c 721

<210> 4393
 <211> 1102
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1102)
 <223> n = A,T,C or G

<400> 4393
 gggggggngn nngggggng nnggnncngg ggggncngga gggggnnnnn gggcaggngg 60
 agggtnaanc cggtnnggnc nnnngnncnc ctagngaacc ctgggaaann cccnagcag 120
 gnccaacgaa gcgaaggcgg cactgagaagn ggaccaacgg gccancnggc nnggttnntg 180
 gggccaagac gggggancnc cncnnggcng gggggggnaa ggagggggcg nccngggggg 240
 nagggnaaaa aaancncng agngggnaaa gggannnggg ggnanggggg ncnnggggaa 300
 cnnagaggaa ganaaggggg gcgggcnana nggggngnan agggggnagg gggggnncng 360
 nncgcncggg anngannnnn ngaggagacg cccngggggg naggggaaag cagaaggggg 420
 nngcngnca ngggggganc angggggnga cncgcggang ggccnggagg gggcgnaaaa 480
 cngngggggc ccngggnggn ccngggggag nngagancgg aagnggan nncagnaagg 540
 aggnngnnc gngngggggg ggnnnaaagn ncaggagcc cngnnngnna ggnngccng 600
 ggggcccngg gganagggcc gacnagnngg gggncangng nngggggng gngcgnnnn 660
 gngcaggngg cgangcang gnnagcggng ggaggcacgn gggngnangg ggggcgaggc 720
 ngnggnggag ngncgcgagg nngannnggg gggggngaa gggngncggg ggnancnggg 780
 gggngngggg nagggngggg ngcgnngggg cggcggnag gnnngnnngn ggggagggga 840
 ggannngggc gggagnggn ccgnnnggcg ganngnngan gngcggggang gnnngcgagg 900
 cngngggggc cgcggnggn ngnggganng gggngagngg gcnngggggc ggancggggg 960
 gcnggagang aggagngngn ngnnnggggn ggcggnggn gcngagaggg nggncacana 1020
 ancgcggng gngngngcgg gccgggggga nagnngggg aggnagnngn ggancgcga 1080
 gggnnngggg ggagggngn cg 1102

<210> 4394
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4394
 cnacangnga cnggnnntgg nactcgctct ttcccnggca tccctgnaga canagatgnn 60
 naaggggaag angntngaaa accaggntaa aantttttan gagaaaggca gaggatgctc 120
 aagggnnaann aganggaaat nnagntnacc ncnntnnccg nantggncnn tatgnnnaan 180
 ncnnccgnata annngntctn tntgnngaag acagatccca gccttgatg gcttgatagn 240
 cgatggatgg aaancgatnn gggncatttt aaanaggcct nnangttaca ttcnnagnat 300
 atnnntaaga gatagngnat ncaaactntg atgaangtgg tgatgcagga ctgaagcatg 360
 gtccactaca atgaancttt ntccnntng gncaanggna tggntgatga tcccactnca 420
 gaggatgntn ctgnaccaga ggngcctccc attntcgctn cnaactgccc taactanccc 480
 atantgagnt aacatgtccc ttcattntgt tacgtctatn nagacaaatg cttntctctt 540
 nncttgcttg acccnatctt gncttnccnt tcagntaant nnagaacaca ttnttancnn 600
 tcnntggcca tannggttct aacttnaaac cattttacct nttaaatttt gtgattatag 660
 tnngtggnnn tncntaaggg naanaagatt gcctttcaac ttttgngagg ggaatttcgn 720
 gnttgngtaa antnatTTTg tccaaatctt ttgaattttt an 762

<210> 4395
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (578)
 <223> n = A,T,C or G

<400> 4395
 gcncgncgaa nnannacngg nnanngcccc gnngaannan gcncnnngan ncccgaann 60
 aagangnnnn nnannnnnnn nnnnnnnnnn nnnnaaacct tgaaanccgc cgnnnngnngg 120
 ncncctcggtat tcgcanaana cacaangggg aggaaggggn gncaannccg gttgggggtgn 180
 aaggggaaaa ggacacgaac nnnngntaan ggnagcaaga nttacacggg cganggganc 240
 cgagccngtc ccctttggag annatcccn anaaaaatn ganagnngnc ngngggggng 300
 nnacaggaca cgaccgcggg naancnngga antggccttn ngccgggaan tccagaacta 360
 angggggnnn aangcagggg gnnnacaang ncgnnnngang nggcagnnna gccagagana 420
 nntgacagaa gagncngggc ngtgcgggca nccngnagaa aannngccan anccaggagg 480
 cccgnacntg gnngaaccga cgnaacnncn ggaggncaga ggnganagga acacnggggn 540
 gnnggancag gagggcnnga gggnnacaag gnanagcn 578

<210> 4396
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (898)
 <223> n = A,T,C or G

<400> 4396
 tnnctttct aatgccttgg atagtgtgctt ncnatngctg gctacttgnt cttntgtagg 60
 atcccngcn ngatnnttat gactgnncn ntnnnngcng atcntttgcn ngnttacnct 120
 ngtanaccng tngcngcggn cgnnngaagn cgtcctggga ancagataa acngctgcnn 180

ggctnnggagt	gnncacccgg	tacacantnt	ttattttannn	ggccanctnc	cactgatgaa	240
catatantcn	gagtgactgc	tgaaatagcc	tttttggatt	gaacgcccac	gacagtncat	300
tangtntcnc	ttntatcatg	ctttctntac	tgnnatgagc	ttcactgaac	ggcgtgaaaa	360
acttgaana	tnnatnggac	atgctgtaan	atnggacata	nattttttata	cggaaaaactt	420
naagtgcnc	cagttgaaag	ccataatggc	atcccataga	gaggctnttt	tgaacttttg	480
gatgctttat	tgnnccaaag	aaagatncag	atttacctga	aancttgtgg	gtttnggaca	540
cctttntgnt	ttntaagcct	nntgaacaan	tttttaanac	ntttgacntt	ttnnaaaaaac	600
nttgntctac	cnagnnggtna	cnanngaana	atggccnttc	angggaaatt	tctccnggg	660
tttccccngg	aaaaaanant	tncnnnccag	ggtttttttg	aggggattcc	aaagtntttt	720
ntaanancng	gggggtttnc	naaaaaaaat	gggggcnnca	atnggntttt	aganggggaa	780
caaaaccnnt	cnnaagccct	tttnntcnaa	ntntcnnct	ttngtaaaan	gncttccana	840
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<210> 4397

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (769)

<223> n = A,T,C or G

<400> 4397

gcttaccct	ttctattnt	tggatgctct	tncattgtgc	angatcccan	cnntcnaatt	60
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catgttnaca	tgatgaaaag	aagaggtgac	tggtgtatca	gctctaaagg	cctcactttt	180
ggtgaaatgg	gacctaaatt	ngatngcnta	cttnattnt	tgcnctcnat	actganntng	240
gcactttata	atttnaatac	tattgaactt	tcaccatanc	cctgtcctat	aaagttgact	300
tgcaaatgan	gaaactctat	ctcttcaata	ttatgnacta	tatccaagag	tcacaactag	360
tgagaaaagg	acangntcta	actaccaatg	ngaggctgtg	tcttcacacc	aattcaacag	420
agtatcttgt	aaatgntgag	aggagaggta	ctttaagtca	tggtgtgtcta	tcatangtgc	480
ttnacaaaac	nnnttgacaa	ctgattgggc	cttgagggtat	gaatggantt	agccaggcna	540
ttnaattcga	aatncgaagc	ttcaangaca	gatttantaa	cnctttgnga	gnagttgaaa	600
tgcagcaaga	tgttacgaca	anttgntact	gnnccatggg	aattttacca	aagttgtgna	660
attgnagnna	antgctnatg	gaaaccttga	aaggatntng	ctttgnggcn	cacgcttgaa	720
cnaangnctt	cggantgcnt	annaaaaagc	ccnaatgcnn	ntccancnn		769

<210> 4398

<211> 1466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1466)

<223> n = A,T,C or G

<400> 4398

cnnctcaat	namntanntn	nnancantta	cactncance	nctataatna	atacatatcg	60
ggggatntta	tctcncctcc	antancnttn	tactnctccc	cattatntct	nttcnccata	120
catattctnn	taanctnnat	ntanatcttc	aantataata	ncnacccaat	ctatnactac	180
nnntacttna	antctccact	nttncgnent	nccannccnn	tnatattatn	ccnattnaat	240
cttnnccncc	nttanacctc	ttcntttacn	ttaaactcat	anctcattnt	naanannatc	300
ntcnttctna	tctcaaatcn	nntcnnaaac	ttcattttcta	tttnnatact	tttcnccata	360
ancttcantt	atnaatcaan	atnnnctttt	tnntanctcn	tnntnatntnn	cattntcctn	420


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ccantantan ctntnttaan acattcnent ntctatcaen nctnaaccta tntantnta 480
cnttntatct ctncntctcn tcctactcac tatacnctca ncatatactc tacnanatat 540
acattatctt cntnccatct cacattnatc tatntctcac nnnaatatnt tncacctcca 600
ctntctantc tatttanctn tcantncttc tccctctctt ntntcttann tccttnccat 660
ntctctcann ctncntctca tatgatcact ntgnngttct atactntatn canactcaca 720
tcgatttact nacnntanan accctantnc tatatactat ntaatnntca tcatatntcc 780
aatattcnta aaccnncaat tactcccact antatntnt cctactttaa naatgactng 840
gtaatcatna ctttaatactn ttttctcatn accatnttac cmntactnt nactctcttt 900
atcatcatnt ncnttanatt tcantcatac ttngtaattn tttntttcnc antatatnaa 960
nttatcnaat tttaccgtct acacatacnt cattatcatc tatctctcac tatacttnen 1020
tactnatntc ttatctatcn atnctatctc tntnnacatc nctncncnna tntcacctcc 1080
nttccttcac natanaactt ntatcttaca tctctatata tacnccact catttatcaa 1140
ctctntcana acannntnn tnntntantc tannannccn tatttnatac ntanacatag 1200
actntcacnn aatntctcnt tatcactntn tatannatac acttnttcta tactacttn 1260
nttctncata tntatcncta natnnttact cantantnn tntcnccnat tnnaaanant 1320
tacagcancn aaataaatnt ttattnttct acctntttna tcttgtnccct tccttnanaa 1380
tttaattnnc tnnctnctct tnaaactnca ccntatcac cctntcnttc ccatntnna 1440
tcattacaat cattnnacta actanc 1466

```

<210> 4399

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4399

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ctacccaaac ctgtggccgc cacttttgaa ttctcagatt gccctgaatt ttgccacttt 120
taaataatgt gctgaataag ctcagcaact aaaaaccatt acccaagaac gtttcttggtg 180
agtgagctga tttattctga ttcattatat tccttttggt agattttata ccccttgggg 240
aaataatata acaaaaacat ctcttaaaaa tgctgggatg gggccatata tactagcaga 300
ggccagatgg tcagatatga tttctgcaaa cccatcttga ccttgagtat gtgaaggggt 360
actgtacttt attcctgata cathttgggt tccatgtagg tgttgagctc ctggnnttct 420
gtggttggt gatgaagatt tggacccttc cattcataat ccctttctaa gtgaagggag 480
aggctggctt ggctgntcct tgntattccg aaagccctgg tttggggccc atgttcacac 540
tggctctcag tctagtcagg tgcaatgttc ttgagagggt gggacctaata tattaccaga 600
gtagcancaa gagaggaaac gttgtgaatt aagtattcaa ttnaaaaagg aacatgattt 660
ctacctgaaa aaangnanaa gnnccnnct tgattanctt cntaatcctt nnnnatnaa 720
ncnntcctna annantttaa t 741

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<210> 4400

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4400

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tnnnttcngt tnaactggtt ganttcctat acaagctact tgttcttttt gcaggatccc 60

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atcgattcga	attcggcacg	aggcctgatt	gaggaagaga	acatgctggc	accatctctg	120
aagcagtttt	ncctacgagt	ggagatttgc	catcctacat	tccagtgagg	gttgctgaaa	180
aaatcctatt	tggttgagaa	tctgccagat	gtttgagaat	caaaatgtga	acctgactag	240
aaaaggatcc	atthttgaaaa	accaggaaga	cacttttgct	gcagagctgc	acccgtctca	300
aacagcagcc	actcttcaac	ttggtggact	ttgaacaggt	ggtgggagcg	cattcgcagc	360
actgtggctg	agcatctctg	gaagttgatg	gtagaaagaa	tccgatttac	tgggtcagct	420
gaagatcatt	aaagactttt	accttctggg	acgtggagaa	ctgttcaggc	cttcattgac	480
acaactcaca	catgttgaaa	acaccaccca	ctgcagtaac	tgagcatgat	gtgaatgtgg	540
cctttcaaca	gtcagcacac	aaggtattgc	tagatgatga	caaccttctc	ctctgttgca	600
ctttgacaat	cgagntncac	cggaaaangga	gcacaaagat	gctnctcang	caagaanaag	660
ggccttctcg	ggaaacttct	tnccccggga	aagccctgc	antcttggt	gggcagccct	720
angtcttttc	ttacaaaagt	acaagtgggc	ccccncnt	ttttanct		768

<210> 4401

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4401

tttcatnntt	tacaagctac	ttgtnccaag	atcccatcga	ttcgaattcg	gcacgaggct	60
agaagttcaa	cgggagacnn	attatnncca	tngnanactt	ncggaacctc	gggttctgag	120
tngtgctctc	ctcaactgcn	cgggtgagcc	ttannccctg	gnttggtgcn	naannanacc	180
tnngtttant	nngntnccnc	nnnnnctct	taaanncta	nnnnntnnag	ngctntaaan	240
cccangtgag	ctnatnaanc	aanaattgga	gcgnattgca	tccngacta	gngcggtatga	300
actntntaca	gatgaccnat	catncttctt	tgagccaang	ngganaacnc	tgccgctata	360
gacntggcn	atnaactenn	nttgacatna	gannatnnnc	taacnntncn	aanattncta	420
ggcnntccgn	ttctcangnn	ttatntttaa	canctgnttc	atg		463

<210> 4402

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4402

aaacatcttg	aaccggtttg	antnctntata	caaactnctg	gatgnttgng	cnggatccca	60
tcganncnaa	tnccgncga	gggcatagtc	agacntgtgn	tnaaaaataa	tnatnatnan	120
nnaaccagct	gtggggtnat	tcctttngat	tactattatn	ttgttctcag	aacaattgat	180
ttnantttna	tagactttct	agcccttata	taataatnct	gagtnctcng	ccnncataa	240
aaanctggaa	aannnctgat	cnagaaanaa	nnggtactac	tntgangaat	ntttangact	300
atnatactga	gtncaatatg	naacacaatt	cngcgtnnct	ncctnngatg	anncntaaaa	360
tatttgaaaa	tttgattgna	tnaaanagca	tnntggatac	cnggaganac	tnatgntcnn	420
gacattanga	catnctgtnt	gnnngangct	cccgtcnmna	ggaagccant	nttccnnaan	480
actaccttgn	taatataacc	ggganccggc	tttngnacct	gccattntat	tgatnanatt	540
naatgttnat	atnccggaaa	aaannggctc	atgccgtgaa	atgtggggtn	catnacaagg	600
gaaaagttht	ctggnnccgg	atnacttctg	gnnanaactc	angttctnnc	ggactnngat	660
ntaatnct	ccctttgcta	ggtttctctc	cagganncng	nttcnaaagg	cgaatcaa	720

gccngccaac atttcaaatt ttnaaganng gggnnccncn aaaaaaaaaa aat

773

<210> 4403

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 4403

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tattgtaata	ataacaataa	agagaaatta	gaagtggggn	tcagggtaga	aaaaaatgca	120
aaggccttgg	tccttaggag	accaacactc	cagctgagct	ggccttagcc	ccagcccctt	180
ctaatttctc	tttattgnta	ttattattat	tttctctgct	attgtaatat	ttttttgtta	240
attaaatgtt	ttggtcaaaa	aaaaaaaaaa	aaaaaanaaa	aaaaaaaaac	tcgagcctct	300
anaactntag	tgagtcgtat	taccgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaacca	caactagaat	gcagtgaaaa	aatgcttta	tttgtgaaat	ttgngatgct	420
attgctttat	ttgtaaccat	tataagctgc	antaaacaag	ttaacancaa	caattgcatt	480
cattttatgt	ttcaggttca	gggggaggtg	tgggaggttt	tttaattccc	ggcccgcggc	540
gccaatgcat	tgggcccggg	cccacctttt	gttcccttta	gtgaggggtt	aaattccccc	600
cttggcgtaa	tcattggtcat	tagctgttnc	ctgngggaaa	ttgnttttcc	ngtnacaatt	660
ccacacaacn	taccaacccg	ggagcataaa	ngtggttaaaa	ccctgggggg	cctaatagaag	720
tggancttac	ttccnattaa	ttnncgttgc	gcctcctggc	ccnnttncna	gtcggga	777

<210> 4404

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (863)

<223> n = A,T,C or G

<400> 4404

ccnacttttn	cnattangtg	nagccctcgc	ccananaanat	tggcntgggc	tnaacgnana	60
ttatcttctn	acnnatannt	gtgtgcctat	tttttcataa	ttcttnancn	nangncttnt	120
tntaantgtt	ccgctagncc	anannntgcg	ctaacanatc	agggcgccac	tggtgncgga	180
tnacnactgc	nattngngcn	ctntnncatt	ncnnaattgc	gcntntnaaa	tcngatcggn	240
tcacatgaan	atnanaacgt	atatnatnnn	cnaacttgag	atcttcnttc	acgggnctc	300
tnnnacngct	tnatgactcn	tggtnacagc	nccacggntc	atcangcccc	cannгааatg	360
ngactantcn	cntggancnn	nntgnaacac	ctgnccttca	cangtnactg	atnaaggctn	420
anctgntcan	gacanncntt	aanccttnen	gcttengtnc	tggaaaccaga	aggantnttn	480
nnaaanggnt	cgatnacncc	ctantagtct	tacctactgc	anccatcact	ggaancatgc	540
taatanggtc	atgtggtcag	tgtaancntn	atcaatngaa	acncccnenn	annttnnecn	600
ntnanctcaa	cctaaatant	cnncttttta	aataantnca	cnncaatggt	nnaaactanc	660
ctannaatng	gcngttcccc	tngaagtccct	ccttctcnaa	gcntgcacac	nttctntng	720
nancccnann	ntttaccctn	tcggnatccn	cntgggcntt	ncctttattn	atccacctat	780
nggcttcccc	aaagaacntn	ctnngnnnca	atcatccttg	ggannacttc	ctccttngg	840
nnaataacgg	cgcaaaantt	nct				863

<210> 4405

<211> 424

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 4405
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 gattctgggt gaaaattttt aattcccctc atgtaggaat gtcacagagt gtaccttttt 180
 gacttagtat ttctctagta aaatacacct ttcttaagaa aatggctaca aagtcagatg 240
 catgtaaattg ctttcagcaa gggttttattg atcatctgct ttaggctggg ctctatgtta 300
 ggtgcctgtg gattccattn tagtacctgt gttctcatag aattgaatcc tgntccccc 360
 tatgactttt gatgatattc acactgttaa ttccaataaa gacagagtag acaaacagaa 420
 actg 424

<210> 4406
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 4406
 gnntcaatgc tnttctctng ttctttntgc aggatttcat nnctcognat tcggcacgag 60
 agaaaaacaa cagagagaaa aagaatcctg agaatatgta gaagctttac gagcccaaat 120
 ccaggagaaa atgcagctgt ataattattac tttaacctca ctatgctgtt gtggctcctga 180
 tttttgggat gctcatcctg atacctgtgc caacaactgt attttctata aaaaccacag 240
 agcatatact cgggcactac attcattcat caattcctgt gatgtccctg ggggtaattc 300
 aactcttcga gtcgcaattc ataattttgc ttctgcacac aggcggactt tgaaaaatct 360
 ataataagaa tctgaaatta actggttagta ttttggtttt tacttaaaat catccctgag 420
 agagtattta agaaaagctg ttcaagttat aaaatatata atctggaaag aaatactgnc 480
 tcatataata attagattgg aatcattgggt ttaattctctg tctgggaacc aagattgaaa 540
 gctgacttac ttctctcttc tgncttgtga accataccgg agcctattat ttttaaaata 600
 tgatcagaca agtaaggctt ctcttacttt tgctctgctc tggatcagga agancctcat 660
 ggtgaagtct ttgagantct cttattaatc atctttctta aactgngttt ttgagcctga 720
 cagtactgaa aanctggg 739

<210> 4407
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4407
 cntcagcggc cntgnatcca aagntggggg cgngcgnacg anctgcgagc ctgccttacg 60
 aggccgcaag cccttttttgc caccctcggn gncnggncgt tccggcctgt ttggnggcat 120

canccgnccg	ncatggcagt	gaacgnccng	caggcnccag	ccacngcctg	gggctanaga	180
ttaaatgtgac	nncccnagac	cgggcattat	caggagnngc	tangannctt	nctgcatnct	240
cggnaaacta	gcataagcca	aagactcgcc	atgcagaant	attagcanat	agctgcgctc	300
gataaaaggaa	ngaggagnta	aanaatnaac	tagtgaaaac	aagggagatg	gtggctttat	360
cgtgggttag	agctntngan	ctatgatgtc	atcggctaga	tactatgtga	aatatcttac	420
tacnnttann	catgcnaatn	agantgagna	agnctnngac	caagccccct	ttaatgagnn	480
caagaaaaac	tcttggctgg	tagaggaaaag	nnaatcnagc	tanaactcgg	tgcacgaata	540
tgnngtcata	tccaggcaaa	cggggagnnt	gttgtaaacg	gtcaggacca	atggnaaccc	600
ctttttnccct	ctgggggcct	tnggttggcc	aagggaacgc	aattaaggaa	ccttaaattgc	660
nnantagnnc	cnncaatctc	cgggnccatg	gaaannccaa	ttgnccngga	ntgnccccct	720
tngnnccttg	cctcncccca	aaaggggggtt	tgncaccaa	ngtngnttgg	ggaaaacaat	780
tccg						784

<210> 4408

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1327)

<223> n = A,T,C or G

<400> 4408

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gaattcggca	cgaggggcnc	tgtctgcttg	cngcntgnan	acgatnngtt	tgatcntctn	120
tnaactannn	acttncnnng	ttngncttat	tgcagttntc	atcnaacgct	aacantgtng	180
tctctatnan	natnttatga	agnacatate	tacgcttnat	gancantntn	tgtcanaann	240
ggncanancc	tatgtcgtgn	gcnttntttg	ncaattnnan	aanangagct	nanngatcna	300
ncgatgtgaa	agnacagctn	tactctgaan	acatgctcnt	cnnntnngna	tgtccnnnta	360
cntancnaac	gaaatattcc	nntaaagacc	nganntnata	tggaacatac	agaanngtnc	420
ttcaaaaagg	tcctttantn	nanagtnttt	ncncnggttt	gactaccttg	tagntaattt	480
actaggaatt	cttggtaatc	gaaatccaac	ttncctgcnn	ggaactcgtt	gngntcnant	540
antnataaag	tggngngngn	gaaancctgg	nantaaangn	naaccctggg	cattggtnng	600
acccattgng	aattnacttt	tatcccaagt	tnggaccnc	ttttaccccc	anttgcctcn	660
ttgtgngctt	ttgcccccaa	aaattccccc	ctntcccat	aacncgttaa	nccaaatttt	720
tccgcccgtt	aacaataaat	ttttttntan	ccctnaaata	ccnnggggtt	tccttaaaaa	780
ncgtcnnatn	cctnaanttn	ccntttgaaa	tttccctttt	cncttctggg	gccnttantt	840
tgaaccccca	naanttnaac	ttggnccttc	cncnggttta	antcnaacan	natttgccct	900
tacntanana	aaatctccta	cctnttggtt	ncttcaanat	ttttgaacnt	taatctnnat	960
tttanannna	nttaaataaa	ctgtaatcnt	tggaananta	ctntgnnncc	cnaaattccn	1020
ttatacacat	nggtnttttn	atgnnaccaa	acttttgagn	aaccgcatng	tcttataacc	1080
cncnaaattt	cttccgtacc	nccgggggnt	cttcaatctt	tacctcaaan	gngngaancgt	1140
tttcttttgn	tttcttacnn	atacggctnc	gtttctcntc	tatttttant	ccanctaattg	1200
gtaattcacn	tttttccgga	netcttctga	cctatntnac	ntctcttcan	atctccccct	1260
aaagtccctna	atctcnaact	tccaattntt	acccccanta	tcaatgtttt	ccaatccctt	1320
nnttcnt						1327

<210> 4409

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1267)

<223> n = A,T,C or G

<400> 4409

ggcttctacn	nnaannngtn	ggaaactcan	ncgctcgann	gcgcnnngga	ngcnnctaga	60
tcacacggac	ngctaccanc	gagnagggnt	ttnntnacca	naatcangac	ctaaatgcac	120
ggntntatgt	accctgncca	ccatctngtg	cctctttatc	attngectet	tccttcctat	180
ntcccttgcg	ttaaggaana	aaaatggtgn	cacaatttgt	caaaagtnat	tttaannnga	240
aancctnnnc	atganagnaa	centgnantt	caanncgnet	nnaannnnnc	tnctnnncca	300
nngnggacnt	ngnnnttcnn	aaccctnact	ntnnntncnn	gannncnna	nnccnatat	360
cntnncnnga	gttnaatnnc	annncancan	tttnnttann	nnngaannan	gnnaaattga	420
nnncttgtn	cgganntanc	ntcangatcc	cannannant	nccgancgna	anttctatna	480
antntncnan	caccanattc	ngtcganacn	ncnncgtcnn	ncngcacnat	ncactggnan	540
tnnancnnna	gncnncactg	nanntacngn	anctacnagc	gctgacnntn	cntntccnng	600
cnngncnngt	ncngtanatc	ncncnatcat	ntnagatntc	nnnttnatnt	acnnatntnn	660
antntcgana	ntgnntcagc	ganctatat	nngnganncn	acctanagng	cacannacan	720
ntcnanacga	nacactnctc	ncagnnatnt	tcngncgtnc	tctgntgagn	cnctacacnn	780
ngnnacacnn	tntancagag	taatncaca	ctgtaatcnn	tataccanaa	ntctncgtac	840
gcanancncn	cnnanagcat	cncnntgctg	acgttnacnc	atntcnacat	ntcngcacgt	900
ncatntntca	ntancncnaa	tntcntatgn	ncannngntc	natcntatat	atnntnnttg	960
atatgnntnt	ncgntancan	acacgnacng	ngnacanaca	ncncactnna	nnnangannc	1020
acncancncn	tnangncann	nttngnnnnc	tcgcnananc	gtagnatacg	ntactcagng	1080
cntancacnc	ganncgcgan	tatctcncaa	nanactnnnc	gctnnnannt	atcactntct	1140
cntacatcga	ntctcngcng	atctacncgc	tcagtnncnn	ctgannnnat	atnagnatcn	1200
ctcncatnga	tnanantann	aancactgnn	ncnnncnaacg	ngtncgcnta	naagtaganc	1260
gnnctcg						1267

<210> 4410

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 4410

tgngactntt	tgaactcctg	ttcttttttg	aggatcccat	cgattcgatn	atgnnnncan	60
ncactntgan	ngtnnattta	tnnntttctc	cnattccnna	actaatggga	nnccggtgct	120
ggtatngann	cttggggaaa	atacctggag	ataccagtgc	agctattnaa	agctgnagca	180
agggtgcaa	tcttgcgag	attttaaaga	gaagtnttaa	agtttcta	actgatgcct	240
ctttttggta	aatacaagtt	ttatnaatcc	tgccctggga	tcctgattcc	ccattaatca	300
agatttgta	gacttcacct	tctataatta	gaaaacacag	ttataagaac	agtcaatttt	360
ttaaattttc	caaattaaaa	aattgcacca	tgattttgaa	caagcacttc	caattncatt	420
acccatcttg	tatgccatag	gtgggagtat	aattgncaca	gc		462

<210> 4411

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4411

tnnnnttttn	aannntttcc	taatgctggt	ctcgttcttt	ccgcaggatc	ccatcgattc	60
gtttgtgctt	tttaagaata	tttttagact	atttcttttt	ataggggctt	tgctgaattc	120
taacattaaa	tcacagccca	aaatttgatg	gactaattat	tatttttaaaa	tatatgaaga	180
caataattct	acatgttgct	ttaagatgga	aatacagtta	tttcatcttt	tattcaagga	240
agttttaact	ttaatacagc	tcagtaaatg	gcttcttcta	gaatgtaaag	ttatgtattt	300
aaagttgtat	cttgacacag	gaaatgggaa	aaaacttaaa	aattaatatg	gtgtattttt	360
ccaaatgaaa	aatctcaatt	gaaagctttt	aaaatgtaga	aacttaaaca	caccttcctg	420
tggaggctga	gatgaaaact	agggctcatt	ttcctgacat	ttgtttattt	tttggagag	480
acaaagattt	cttctgcact	ctgagcccat	aggtctcaga	gagttaatag	gagtattttt	540
gggtatttgc	ataaggagcc	actgctgcc	ccacttttgg	attttatggg	angctccttc	600
atcgaatgct	aaacctttga	gtagaagtct	ncctggatca	cataccaggt	cagggaggat	660
ctgntcttcc	tctacgttta	tcctggcatg	tgctagggta	aacgaaggcn	taataagcca	720
tggctgacct	ttggagcacc	agtgccagga	cttgtcttca	tgtgt		765

<210> 4412

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 4412

gnnttnantt	nnnttcctt	tcaaattcctt	ggctacttgt	tctttntgca	gggatcccat	60
cgattcgaat	tcggcacgag	ggaacctact	agatggacag	gctgagggtg	ttggcagtga	120
tgatgaccac	attcagntng	tgcanaaaaa	gccaccacgt	gagaatggcc	ataagcagat	180
aagtagcagt	tcaactggat	gtctctcttc	tncaaattgct	acagtacaaa	gccctaagca	240
tgagtggaaa	atcgttgctt	canaaaagac	ttcnaataac	acttacttgt	gcctggctgt	300
gctggatggn	ntattctgtg	tcatttttct	tcatgggana	aacagcccan	anagctcacc	360
aacangtnct	ncaaaactaa	gtaagagttt	aagctttgag	atgcaanatg	atgagctnat	420
cnaaangccc	atgtctccta	tgcagtacgc	acgatctggg	ctgggaacag	cananatgaa	480
tggcaaactc	atagctgcan	gtggctataa	cagagaggaa	tgtcttcgaa	cagttgaatg	540
ctataattca	catacagatc	actggctcctt	tcttgctccc	atgagaacac	caagagcccg	600
atttcaaattg	gctgtactca	tgggccagct	tttatgtggg	acgtggatca	aatgggccac	660
tnaaattgac	ctgaagtggg	ggancagatt	aatgaattca	aaccatagna	tgactggggt	720
cctgtttcag	aatttgagaa	ctaaccggg	tgtnt			754

<210> 4413

<211> 1119

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1119)

<223> n = A,T,C or G

<400> 4413

ncncacnnnn	cantnntcna	nanccannnc	caanncctca	cncnnnnnan	nnctctnaaa	60
ccancennnc	gnctnnncnat	nacncaangg	naaggggcan	nnngattcta	gttttntntn	120
anttttttga	aaggccnttt	cnagagtcnc	ttggcaagcn	gcttctacca	gangaattcg	180
gcacgagaat	nnccngtat	ntgntctctc	naccctagaa	tnacttatan	acgtataann	240
tannntcna	aataactnaca	ggtntnaaaa	taangntnat	caantactaa	tttaattctg	300

tttcatcana	aagcacgacc	atcgtggcat	ngaaacttga	gttatagcct	actatcanga	360
tcaatntaaa	aaatatatat	ntagggctgg	ntgcacgtgg	tgcacatctg	taancccaag	420
tgctttggga	ggctgaggng	ggtgaatcac	ctgaangtca	cganttcaag	accaacctgg	480
tcaacatgac	nataacccca	tncctacaac	aaaaatgtaa	caaattagcn	acngtttgg	540
nacacacacc	ntatcactct	acntncaatn	gggggcccga	atncngtnga	anaatccgcc	600
tntgatctct	tnagnaaaca	tncaaangcc	tgctncanaa	gctaattcat	cattgcccna	660
cctggaactt	ccaatccntn	atngcnaanc	ancaatctac	ncaccacntg	gtcccntaat	720
atacggaaca	nactcacatc	ngactatctn	aanantncca	nagcnataa	ggnnacantn	780
acnccancan	ntttncanc	nntgccnaaa	nanatacccn	acaacaatnt	ctagnacant	840
atnnacnnnc	ntttacncat	ncncncacat	ntnncccaaa	ctcnantaca	cntccntcac	900
actntcactc	ctctectacn	tnnncnaaaa	anactcntcc	gnaacccctc	cntnnantat	960
acctcatnta	taccnnanna	atctcctaac	attttaccat	ntctcntnat	ncccnnnaca	1020
cacttttnct	naacnnntc	tcnanataac	gnaanntana	nctctcnang	atntccaaaa	1080
nactncacna	aattttgtcg	caaaaangtn	ntntnaccc			1119

<210> 4414

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4414

gntttntttc	ntttntttt	caaatccttg	gctactttta	attnctgcag	gatcccatcg	60
attcgntttt	ggcncnangn	ggatntggct	tntgnnga	nggatnnna	gctggctgat	120
gacggncanc	ggataganan	actgnagnan	ccntgctcnt	tgagnncag	tgctgtttan	180
gaanangatc	tcantgtntg	nnttgannct	ctgnatggan	ccanggcgtn	taccnaaaant	240
attntngaca	ntgtgacacn	tcattattgg	aatngantat	gannnanatg	ncatagcang	300
aganataaac	cagcnatatt	acaactatct	cgcancgacc	ngatgctgng	ntctggaaga	360
caatntggng	agnttttaggt	ntagcgccgt	nnggntttca	nctgntanan	gaacctgntg	420
ngaaanacat	tatcacnntc	actcgntcct	atngcaacaa	gaagnngctg	actgtgntgc	480
tgctntgaac	tcctatgctg	ngctgctagt	angatgagca	ngnaatanga	tnatcagctg	540
annganngcn	aagnctctgc	ttattgtntg	ngcaaagtct	ggttgtaagg	anntgaggtt	600
actttgcgct	ttgggnaagt	ncntactana	tnntttnttg	ggaengcaan	gntttnnccg	660
ggtganccca	angngnaant	ggnaccttan	tngancnat	naanggnntn	tcananggca	720
tagtnnancc	tggannaaag	gangttncna	gnnttttann	tnccgggaaat	nnnngactta	780
cttttttcg						788

<210> 4415

<211> 1411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1411)

<223> n = A,T,C or G

<400> 4415

ttgtnnnnnn	ngtttttttt	ggcggtaaaa	aaaaangnt	tttttttttg	ggggaaaaaa	60
nnggggccgt	ttggctnngt	ggaaaaaacc	cccctttttt	ggggggaaac	cnnttttcgg	120
ggngaaaang	nnncncngng	ggnnngnngn	nnnnnggggn	nnngaggggn	nnnnngggnn	180
nnngngggnn	ngngntnngn	nnannngngg	gngggngnga	ntttntttgn	naggnggagg	240

gantttnttng	gnngtttttt	ttgncgnncg	gggnnggntn	gggnagnggg	gggagaggga	300
ggggnggggn	cgngggngga	ganagnaagg	nagggngngg	angcgtgggg	tngngggann	360
gggnnagann	aggcggnatn	aggngggngg	gnngggangan	gggggagngn	gggtagnagn	420
ggggngnggn	nngngngngg	gagggnnngc	gnangggacg	ncacagnggg	gggtcaannng	480
ngangggann	tgnggaatgc	nggnngggcn	cgggggcngn	nnggagnggg	gntgggacag	540
ggtgnnggan	gccannnagg	ggnggggggn	ngccgagngc	attnggtagc	angnnnggcn	600
nttcgggggg	ngccnnnngg	tnantgacgc	gngcgggggg	ngnanatnca	ngggggnnagn	660
gnggggaang	gcncncngng	tntggggggg	ganccnntga	gggggngnna	agnagggggg	720
ggaagncngc	caannngtg	ntncnggggn	nnangnggan	nnnggggggg	gannngngncg	780
ggngangggg	ggggaaccnn	gtnnnnngaga	agnccnntgn	angntgggag	ggncnggggn	840
cangggggng	gncanggggn	gnnaanantg	cnnnnngggg	ngnggaggat	ggcngggggag	900
cntggggana	gatgggggan	nnnagagcgn	ngnagnngtg	tgngggggng	gngatnnaga	960
gngtnnnggg	gggnngggng	gggnnganng	agnanggggg	gnnaaaagnn	anagggctan	1020
tggggggggg	nngannngna	aagagggggg	gggggggggn	ganannngng	cgagngngnn	1080
ggnaaanggg	gngnaagggg	ngntgnnnng	gggganaggg	gggtntntng	ngnngtancn	1140
tngggaannn	ggggggggag	ngngcagaag	nnncgggggg	gnngtgnaaa	angaaantgn	1200
gggggggnan	nnacaggggg	gnannaggna	ngggggcnc	ganagctang	gagggggnnn	1260
nnngngggtg	ngggggngan	ngggagaana	gggggggggg	tngngnaagg	gggggggnnaa	1320
naggggggga	nnaaaaagag	tnnggggggg	nagaannngn	aggggggangg	ggngaggngg	1380
ggatgggggg	gggggnncacn	cannaccgcg	n			1411

<210> 4416

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4416

gnctttttacn	aatgcttggc	tacttgttct	ntttgcagga	tcccatcgat	tcgnattccg	60
nacanngggc	atacttgntg	ccttccangn	gnactntcac	caangtntct	ggcgtaacnc	120
gtmnagancn	gcntgaccgc	acnccatcgt	nangngcagn	ngtgccttgc	tnctgngaanc	180
ggggccaaagt	ncggtntgtc	atgcctntga	tnccacnact	gnnggaagct	gatgcangcn	240
gatnacttna	ngtcatgant	tcnanaccag	actngccaac	atggtgaaac	cntatnttta	300
ctatanacaa	gagtagatcg	anngtggng	ngcacactt	gtaatcnnag	ntactcnaga	360
tgctgntgcn	naatanttgn	ttnnactctg	gagatngang	tngnantgan	ccaaaatcgc	420
nccnctgngc	tccaacctgn	gngacanagt	aagaccctgt	ctcataacaa	acaaaatata	480
actcnagcct	ntanaactat	agggaagtcn	ggattacntn	natccngnca	tgatanggat	540
acatcgattg	antttgnaca	nncnacaact	tggattgcag	gtgaaaaaaa	tgcttntatt	600
ttgtgaaana	ttncagtgct	attgctttta	tnttgtaacc	nattataagc	ttgcaaatta	660
atcatgttta	ancaacaacn	ngnttgcat	catnttatgt	ttcaagttn	aaggnggaac	720
ggtntnggna	aggtttttta	antatggcgg	tccggcgngg	tccaannn		768

<210> 4417

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

```

<400> 4417
tcnnncttttc taaatgcctt nggnnnntccc tttctaattng cttggctact tgttcttttt 60
gcaggatccc atcgattcga attcggcacg agggacaata atggccgctt tcaaggtgtg 120
gattttggct ccttgagcct gtctgagcga ggggtggcag cgccggcgcc ccagaatccg 180
ggacagaagg gtcccaagag tcgcgcttgg tgagagaaat cccagatcct gtgatggggg 240
acaccagtga ggatgcctcg atccatcgat tggaaggcac tgatctggac tgtcaggttg 300
gtggtcttat ttgcaagtcc aaaagtgcgg ccagcgagca gcatgtcttc aaggctcctg 360
ctccccgccc ttcattactc ggactggact tgctggcttc ctgaaacgga gagagcgaga 420
ggagaaggac gatggggagg acaagaagaa gtccaaagtc tcctcctaca aggactggga 480
agagagcaag gatgaccaga aggatgctga ggaagagggc ggtgaccagg atggccaaaa 540
tatccggaaa gacagacatt atcgggtctgc tcgggtagag actccatccc atccgggtgg 600
tgtgaaccga agagttttgg gaacgcagtc cggcagaaaa aaccggaacc ggcgggaaca 660
tggtgtctat gcctcgtcca aagaagaaaa ggattggaan aaggagaaat cgcgggatcc 720
nagaactatg acccgcaaga agggacnaga nattaaccgg gattagaaag taggcacanc 780
nt 782

```

<210> 4418

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

```

<400> 4418
ggngnttttta tcagctcttg ttcttttgca ggatccctcg attcgaattc ggcacgaggt 60
gacgggtgaa gcagatgttg agtttgctac tcatgaagaa gctgtggcag ctatgtccaa 120
agacagggcc aatatgcagc acagatatat agaactcttc ttgaattcaa caacaggggc 180
cagcaatggg gcgtatagca gccaggtgat gcaaggcatg ggggtgtctg ctgccaggc 240
cacttacagt ggcctggaga gccagtcagt gagtggctgt tacggggccg gctacagtgg 300
gcagaacagc atgggtggct atgactagtt ttgttaggaa catttgagtt acttcaatca 360
ttttcacagg cagccaacaa gcaattaaga gcagttataa tagaggaagc tgggggaccc 420
attttgcacc atgagtttgt gaaaaatctg gattaaaaaa ttacctcttc agtgttttct 480
catgcaaaat tttcttctag catgtgataa tgagtaaact aaaactatatt tcagcttttc 540
tcaattaaca ttttggtagt atacttcaga gtgatgttat ctaagtttaa gtagtttaag 600
tatgttaaat gtggatcttt tacaccacat nacagtgaac acactgggga gacctgcttt 660
ttttgaaaaa ctcaaangtg ctacttctcg attcaaagaa atattctcat gttggtcatt 720
ctagtttata ttttcattta aaatcct 747

```

<210> 4419

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

```

<400> 4419
gnttnttten tttcctttca atncttggct cttgntcttt ctgcaggatc ccatcgattc 60
gaattcggca cgagcagagc tgtgatctgc ccccgaggtat tctgaccccc aaactggctc 120
tcaaccatgt ttacatgatg aaaagaagag gtgactgttg tatcagctct aaaggcctca 180
cttttgggtga aatgggacct aaatttgatt gcatacttga ttacttgctg tcaatactga 240

```

aattggcact	tcataat	ttaactattg	aactttcacc	ataaccctgt	cctataaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaa	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgctt	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagt	600
aatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtgga	660
gtgattgtga	tgaaancttg	gaaagattgc	cttggggccaa	ggctgttgaa	agctttggtt	720
ttgcttanat	taagtcaa	gccgtann				748

<210> 4420

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4420

gnttnnttcn	tttcttttca	atncttggct	cttgnctttt	ctgcaggatc	ccatcgattc	60
gaattcgga	cgagcagagc	tgtgatctgc	ccccaggat	tctgaccccc	aaactggctc	120
tcaaccatgt	ttacatgatg	aaaagaagag	gtgactgttg	tatcagctct	aaaggcctca	180
cttttgggtga	aatgggacct	aaatttgatt	gcatacttga	ttacttgctg	tcaatactga	240
aattggcact	tcataat	aatactattg	aactttcacc	ataaccctgt	cctataaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaa	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgctt	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagt	600
aatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtgga	660
gtgattgtga	tgaaancttg	gaaagattgc	cttggggccaa	ggctgttgaa	agctttggtt	720
ttgcttanat	taagtcaa	gccgtann				748

<210> 4421

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4421

ggnttattcn	ttcctncnaa	tncttggcac	ttttattctg	eggatccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gngnncctaa	120
cacttttnng	cagttgtgct	tnancta	ggctaattgn	tttnaanntn	gngntntcn	180
anttaacntt	ttctttta	ttnaaanngn	tnaataa	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnanncnt	atctttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	nttttnatnc	ctanctcnnn	nagnnttttn	nnaanccttc	360
ncctggantt	nttgntcaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnnttcntca	ncacctattg	tgncctnngc	gnannatnnt	ttacncntgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgtcattaac	ctntagtgt	tccacanaga	natatctttt	540
agaggcgat	ntntnatcat	agngannata	ctntcancnn	aattagtgt	ttnaatattt	600

tatnctacta	antgatntct	tggnagngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcncntat	aatatnnggg	anaatttgtg	cnncttttat	720
nttctctata	ttanacatnn	atattggggg	nannnttacn	actcnnntat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagnacn	840
nnttgggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngcttncn	900
atatgngcac	naaaatactc	tatatgtntt	tgcntttacna	acancactat	tnttatcnta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgcta	ggantnacaa	gtncntnnta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tgtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancttc	tcanaanant	atgnctcaat	1260
gtanatcntc	ctcactcgng	nttttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantncnc	gtnnatnctc	tncangnngn	ctgcnctcc	tttngnnntn	1380
ncatatgngg	tancatttcn	tcncnct				1407

<210> 4422

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4422

ggnttattcn	ttcctncnaa	tncttggcac	ttttattctg	cggatccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gnngncttaa	120
cacttttnng	cagttgtgct	tnanctaatt	ggctaattgn	tttnaanntn	gnngntntcn	180
anttaacntt	ttctttaaat	ttnaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnanncnt	atttttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	ntttnnatnc	ctanctcnnn	nagnnttttn	nnaancttcc	360
ncctggantt	nttgntcaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnnctctntca	ncacctattg	tgncctnngc	gnannatnnt	ttacncntgc	ggttgntatn	480
nacanctntc	tcttgcatng	cgctcataac	ctntagtgt	tcacacanaga	natatttttt	540
agaggcgat	ntntnatcat	agngannata	ctntcancnn	aattagtgtc	ttnaatattt	600
tatnctacta	antgatntct	tggnagngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcncntat	aatatnnggg	anaatttgtg	cnncttttat	720
nttctctata	ttanacatnn	atattggggg	nannnttacn	actcnnntat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagnacn	840
nnttgggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngcttncn	900
atatgngcac	naaaatactc	tatatgtntt	tgcntttacna	acancactat	tnttatcnta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgcta	ggantnacaa	gtncntnnta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tgtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancttc	tcanaanant	atgnctcaat	1260
gtanatcntc	ctcactcgng	nttttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantncnc	gtnnatnctc	tncangnngn	ctgcnctcc	tttngnnntn	1380
ncatatgngg	tancatttcn	tcncnct				1407

<210> 4423

<211> 804

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4423

ggttanttcn	tttcctttca	atccttggct	acttgttctt	tctgcaggat	cccatcgatt	60
cgaattcnnn	ncgnggaggc	ctncgcggca	tctggnnncn	ttggnatctg	nttngcngnt	120
ngagcgatnn	tcggtgttg	tggacacgc	tttnangctt	ctgttgtgca	tntannttga	180
ttcacatngn	cttacacant	gcctggangc	tgtctnntag	gctaatacna	cttncacatt	240
gggagataca	cctgctgata	gtggnnnatn	gacncnctga	nttaangtgn	tggannngat	300
nngtnntttt	anngnntgg	nnaaactnnt	cntattcnnc	tgatggnact	ttggatcnca	360
ctnctgaggg	anactngtna	tggagcnanc	tngggcnggn	gnaccnctt	nttttttagaa	420
natgaaatca	tacatctgng	ngnntcagtg	ntnnnctgga	tatcngcntc	tgnnttantn	480
acttccaccc	anagcatnat	angacctcng	acttancng	ngtcnnagcc	ttctganatn	540
nggncctggaa	gnctgntngg	ctnccttann	nnccctntt	gagnatnatg	atnnaacncg	600
gctttggng	gttccactg	atntgacact	gnctangcaa	gatncccaan	gatggcgant	660
cntcttgcaa	tttgggaagg	aantccnttt	tntncngctt	gntagnatng	ccttnnnnat	720
aaccttgctt	tgaantntt	taaccccnnt	aatccagntt	ngannttgct	ttaggtaaaa	780
nccaattgca	ntcgnnanan	ancg				804

<210> 4424
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4424

gnttnncncc	tttcaattnc	ttggctactn	gtctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gaggatctgc	cttctgagga	agtggatcac	gagctgattg	aagacagtca	120
gtgggaagaa	atactgaagc	aaccatgccc	atcgcagtac	agtgtatta	aagaagaaga	180
tctcgtggtc	tgggttgatc	ctctggatgg	aaccaaggaa	tataccgaag	gtcttcttga	240
caatgtaaca	gttcttattg	gaattgctta	tgaaggaaaa	gccatancag	gagttattaa	300
ccagccatat	tacaactatg	aggcaggacc	agatgctgtg	ttggggagga	caatctgggg	360
agtttttaggt	ttaggcgctt	ttgggtttca	gctgaaagaa	gtccctgntg	ggaaacacat	420
tatcacaact	actcgatccc	atagcaacaa	gttggttact	gactgtgttg	ctgctatgaa	480
ccccgatgct	gtgctgcnag	taggaagagc	aangaaataa	gantattcag	ctgattgaag	540
caaagcctct	tgcttatgta	tttgcaagtc	ctgggtttaa	gaaagtgggg	ataccttggtg	600
cttcagaaat	tattttaaca	tgctgntggg	aggcnanntt	taacccgata	tcccatggg	660
gaatgttctt	tcaantccca	naagggtgtn	aagcatatga	acttttctnn	gagtcctggc	720
ccactgtgga	attatgacta	ctatgcanc				749

<210> 4425
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 4425

tcnaatnctt	ggctcttgnt	ctttntgcag	gatccctcga	ttcgaattcg	gcacgagntn	60
gagctggaca	ctnagncaca	gtttagagtn	ttgatatatn	actngaaaac	agtancattn	120
ccnaanaccn	atnaccceca	ccctgtccna	angaatgatn	gntatgnatg	tgaagttnat	180
ntntngactc	ngatnatnac	nttccacttn	ggatgcacaa	ccatgctgnc	ctgtacagaa	240
gtcacangtn	ttgtgagaat	ttntaaactg	atgatgtgna	ttnnecatggn	aacatgagtc	300
tacattttac	cttcnatagt	agcnatgaat	cacaatnacn	tctttgttta	taggttggtg	360
gaaaantaat	tgctgttntg	ccattgcttt	taatggctgc	cacaactact	ttngcacnan	420
cctaataattt	attaanactt	tnctttctng	anacacaatt	nctgaaanng	ggattnatgt	480
gctgagnctc	taaggacctt	gatantnct	ngtatnnntn	gttgaatggt	gnanaatatt	540
tcatnactac	tcaantgatg	gtncatgat	ctggggaggaa	gcctncttna	gcatnttanc	600
canattgncc	agggtttcna	gganaagctc	aaagcctgtn	angataccna	tggggacccca	660
ccngggtgna	anggccttnt	gtcttncggg	gactttgagc	ttaattttcc	cangnaaaaa	720
anggctt						727

<210> 4426

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4426

cctttcttga	aacctntggc	nacttnctct	ttntgcagga	tcccatcgat	tcgaattcgg	60
caagaggagg	atctgccttc	ngaggaagtg	gattnagagc	tgattgaana	cannnantgg	120
gaagaaatac	tgnagnacc	atgcncatcn	cantncantg	ctnttaaaga	agaagatctc	180
gnggtctggn	ttgatccctt	ggatggaacc	anggantata	ccgatggctc	ncttgacaat	240
gtaacaggtc	ttattggaat	tgcttatgaa	ggaaaagcca	tagcaggagt	tattaaccag	300
ccatatnaca	actatnaggc	aggaccanat	gctgnnttgg	ngaggacaan	ctggggagtt	360
ttaggtttan	gngcctntgg	gttncatctg	aaagaagncc	ctgctgggaa	acnctttatc	420
acaactactc	nattccatag	naacaagacg	gttactgact	gngttgctgc	tatgaaccen	480
gatgctgtgc	tgcnagtatg	aggacaggan	attngattat	tcagcttatt	nanggcaann	540
actctgntta	tgnattttgcn	agnnctgggt	gtnagaattg	ngatacttga	gctccagaag	600
ncattttacat	gctgtnggag	gcangttaac	cgaatccatn	ggnatgttct	tcagtcacc	660
aangatgtta	accatntgaa	ctctggatga	gtactgccac	nctgaggatt	atgactactn	720
tgcaagccca	nnacatgngn	gagccccctn	ctt			753

<210> 4427

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (863)

<223> n = A,T,C or G

<400> 4427

tttgnaaanc	cctttctggt	gttcaccgga	aacncttggg	aaattcccat	agctncangc	60
annnantgcg	atggcggtgcg	cctgtagtcc	caggtagtcc	ggaggctgtg	gcagattttt	120
ggcttattga	acacaggcag	nttggtggcca	ttcagcaagg	agcataatgc	ccctgtnggt	180
ggtgatagt	aataagcaact	cagtgcagnc	aataagnata	taattngagt	taatgcatgn	240
cnaatgattc	cngtcccttg	ttgaatgtgg	attntntat	ctcantncca	atacatttnc	300

tacaaagcca	agtgccattc	cctggaattg	gccnatagca	atcnggaatg	tnnaccatng	360
gattcactca	ctggcagntc	aagtctgtga	acaccatgaa	ggttaatcaa	catgaggggt	420
taaagccaac	tttataggct	tgctatatnn	nccttcctgg	tcagcaatan	agcccattcn	480
cnggagcttc	cngnggggat	gactcgtccc	agngaattct	cctattaagn	naaccnanng	540
gnttaactgn	agaaaaggct	tnccgtnatc	tntaagatcc	ttttggaaac	cacntttant	600
ctaccctggc	ctncaagntc	caatttggan	agacccgnc	atnnancctt	tggangaaat	660
ncccaatncc	aggaaaccca	atggccaaaa	cccctnttnn	aaggnnnctt	naacaagccc	720
agggaaaacc	naattncccn	aaanattggg	gccnntnnnn	gggggggggn	aaaaaggctn	780
naaactntcc	cnaacttaaa	acaaangncc	ccttgggnnt	ntcaaaaaaa	nggggcnttt	840
nggaanggaa	aanganccc	cna				863

<210> 4428

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (471)

<223> n = A,T,C or G

<400> 4428

nntttactnc	cttttcccc	tctntttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
cagaacngat	ccagacanaa	antgnttgca	ttttaccttn	tttcccnenc	caattcttct	120
tngtaganga	nagtancgtc	agatgntctc	tgncgancc	nnnctcngtt	gnacatngcc	180
tatnctcctt	tnagatntan	atgganattt	gcttatgact	tgtgttgnat	aacgaggtan	240
aaanattgct	gtcttctctg	acatnccctc	tcaaaganat	cattaatgta	tgatatctaa	300
taaaccanct	antgcatgta	acagtgatca	gcaaattaat	anatnanacc	tctattcatg	360
cttaaattat	caaagntagt	atttnaatga	natgtgctat	tttcattaaa	atntntggca	420
ccatcgagna	tganaacttac	caattgcanc	nnaggnantg	agccctnaen	c	471

<210> 4429

<211> 976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (976)

<223> n = A,T,C or G

<400> 4429

nggggtataa	annnnntttt	nngaatacag	ctacttgctc	tttttgcagg	atcccatcga	60
ttcgcanngg	ngcncgnnat	ntgntngncn	atngaactgn	cnnngcacat	caatatnngt	120
gggnttnenc	natctntcat	nnantgtgna	anacagatct	gacttgggtta	tgttngagtg	180
accctganca	atgnnnngnag	acggntaggg	gtacacggag	cacacattcg	tcacaaattc	240
tatnggtgca	tnttttgcaa	gggncgtttc	caggggtgctt	attancgann	gcaaagggtta	300
cttggcaatt	gcaagatttt	ncaatgagcc	ccaagnaatt	cntnganega	attgcattgg	360
cacccaaggg	tttnaggaaa	agatnggnaa	anccanttac	cttcnaattt	ccaaccttgn	420
nattttgacc	ttggantggg	tttaannaan	accccagggg	agttacccaa	cntnngggcg	480
antttncnaa	agtncccccna	tcccttaatt	ccaccaanna	anggnnttaa	aanaatggcc	540
taatttcggg	cgagttattc	gaagaataat	cgcttantng	tggtncaaaa	cttacattac	600
tcaatggaaa	cattcaccca	attttngaaa	gggaatcttt	aattcggcct	ggcattaaat	660
ccggagntgt	catgggcttt	cngaattcaa	atgaaanngg	ttatatttct	ggggngcaag	720
atcananttg	acganaccca	atggaangat	ctactgatag	gcangttacc	atcactggaa	780
tctgntgcc	gcatttagcc	tggctcaata	tctaatacaa	tgtcaaggct	tttnccttgg	840

gaaaacgggt	tggcattggg	ggagcaactn	ggaacaatgc	agattcaatc	cattaatccc	900
ttttctgggtg	ttcaacaacc	aaccattga	atccatctgg	ggtaagtttt	cttgaacaa	960
gtcancngaa	nttccn					976

<210> 4430

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A, T, C or G

<400> 4430

tnnnnctttt	ctaattgncc	cctnattngc	nggttccaat	nnncanngaa	cgatcccatn	60
gattcgaatt	cggcagcagg	tttttttttt	tttttttttc	agttccagtt	ccactttctt	120
tttattttaa	taaccgaagc	aacagccgtg	gcacagcaga	gggaagctgg	gttggggcgt	180
gtganangtg	gcagcagnt	ggcctgatgg	ggggactang	tcacagtga	ctccccacac	240
gcctntcagg	ttcagcagtc	atggccatag	gattgggagc	actacggagg	agccatcagt	300
tagtgatgtc	tctccaagtc	ccanagacct	tagggacggg	agctaagtca	gctccctcaa	360
gtagcagggc	cagggcatcc	cagtcagggg	tcacggggcc	cggaaggcat	tttcagcagc	420
cccagcggct	gcattggcag	ctgcgggttcg	caccncangg	ttggagaaga	caccancagc	480
aaattcttgc	tgggccttct	naaagctggc	acctgtgcgg	cggataaagg	agtggatccc	540
gtttcagcat	gacaattcct	agcacagcaa	tgccantgaa	gagcagggcg	accagcacat	600
gagcacccgat	actgcttggt	ttgcccttcg	gcaccaccan	agcagaatat	ccaccctgaa	660
tnccaacctg	ggatncaatg	gcctgaggag	aangacacat	tctggacgaa	gaaatganaa	720
naaaacnaga	aatttgatga	actgtactnc	ggaaagcctt	tacat		765

<210> 4431

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A, T, C or G

<400> 4431

gcttcaatnc	tttctaantc	ttggctaccg	gntttctgca	ggatccctcg	attcgaattc	60
ggcacgagag	aaaaacaaca	gagagaaaaa	gaatacctga	gatatgtaga	agctttacga	120
gccccaatcc	aggagaaaat	gcagctgtat	aatattactt	tacctccact	atgctgttgt	180
ggtcctgatt	tttgggatgc	tcctcctgat	acctgtgcca	acaactgtat	tttctataaa	240
aaccacagag	catatactcg	ggcactacat	tcattcatca	attcctgtga	tgtccctggg	300
ggtaattcaa	ctcttcgagt	cgcaattcat	aatttttgctt	ctgcacacag	gcggactttg	360
aaaaatctat	aataagaatc	tgaaattaac	tggtagtatt	ttggctttta	cttaaaatca	420
tccttgagag	agtattttaa	gaaaagctgt	tcaagttata	aaatatataa	tctggaaaga	480
aatactgtct	catataataa	ttagattgta	atcattgntt	taatctctgt	ctgggaacca	540
agattgaaag	ctgacttact	tctctcttct	gtcttgtgaa	ccatacggag	cctattatct	600
taaaatatga	tcagaccagt	aaggtctctc	ttactttgct	ctggctctgg	atcaggaaga	660
gctcatgtga	aagtctttga	gaatctctta	tttatcatct	ttctaaaact	gngtctttga	720
gcctggacag	tnctgaaaa					739

<210> 4432

<211> 1006

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1006)
<223> n = A,T,C or G

<400> 4432

tatcttttct	aaaangnceg	taantgcntg	gttttaattt	ccttggaang	ctnacntgcg	60
ttncgnattg	ggagncaggc	ctcatcagga	ccctgntgac	tcgnggcgcg	ggagctggna	120
gccaggtctt	ncgngccttt	ctctggcttc	cttggnntgc	ctgntggggg	aagggnagga	180
ggagattaag	gaaangnaag	atgttccacn	ntagantgat	gaggtctacc	ggtncaaagac	240
catcncctta	nacgagnatc	ccnancctnt	gcctnnncga	aatgtnanct	cctnncaactn	300
ggcnccnagt	tatnagcccc	tcngaannnt	gtnacagccg	gacgtcttan	tnctttctgc	360
tcaangatgc	tcnaacncan	ncttnnattt	ggttgncnga	nnntgcggga	tnncngcnctn	420
natatcnnc	attgnntnct	cttaantggg	tcttntgncc	ccctttnaat	cccttccant	480
ttgaantcct	tntgtggntt	anaacgnntt	nnngaattaa	tancnncnt	ataccattan	540
antattggta	cacnccttgn	nttaccaaan	ttncactggg	gacttttggt	natattaaaa	600
ggntatntnt	ttatnatnct	ctccctattg	gggcncaaat	tcgtatttan	agccttaaaa	660
ctcncctctt	tattntatan	accnctnccn	ntattntant	ctncccaaan	tttatataac	720
gncaanccct	atcatntatt	tctngcgcat	ttccnngatt	ttnnataanc	atntntcatn	780
gggttataaa	ncctnngntn	aantgtnnnt	ntctntnchn	nnnttntntt	nntaattttc	840
aantgtaccc	natnatnnnn	ncnaanaacc	ttntgttnac	ccngtttcna	nancnntttt	900
tgnntcccat	ttanctcann	nggncttcnn	ttaancannc	ctggggntta	atntnnggga	960
nnnctatttt	ntntgatntt	taaatagtat	antngnataa	caannt		1006

<210> 4433
<211> 474
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(474)
<223> n = A,T,C or G

<400> 4433

nanccttaca	agctacttgt	tctttgtgca	ggatcccatc	gattcgaatt	cggcacgagg	60
aaangncnag	cantgangaa	tgtnttttgg	ntttggagcc	acattanatt	ngnaancctt	120
atgactatat	ccantgtncn	ctcccancag	canatngang	ncatgcatgc	ctcttttctt	180
aactananan	anaacnntgg	gtcnngann	ctgngttaca	tcccannngc	tttnatattg	240
cctcatggat	tcattggaaa	tacacgtgna	tacacaaant	cccanatnng	tcttgcattn	300
tatttttngan	gcnngetttt	ncaatannca	nnntnctntn	ntnaaagatt	atttgangna	360
acctaagggt	cgtgagctct	tnctntaaat	tattgatgac	nnataagnnc	agcattttct	420
ntcncactgt	cntnannnac	ctgntgggat	cagcttcant	gtctnggtng	nacg	474

<210> 4434
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 4434

tnnnnttttg	aaantttttg	aaatcnctgg	nttctaant	tnggcacgat	cccatcgatt	60
cggggatggg	cctatgattg	ttcatgatga	gcatggagga	gtgtcggcag	gaactttctg	120
tgctctgaca	acccttatgc	accaactaga	aaaagaaaat	tccgtggatg	tttaccaggt	180
agccaagatg	atcaatctga	tgaggccagg	agtctttgct	gacattgagc	agtatcagtt	240
tctctacaaa	gtgatcctca	gccttgtag	cacaaggcag	gaagagaatc	catccacctc	300
tctggacagt	aatggtgcag	cattgcctga	tggaaatata	gctgagagct	tagagtcctt	360
agtttaacac	agaaaggggt	gggggaactc	acatctgagc	attgttttcc	tcttcctaaa	420
attaggcagg	aaaatcagtc	tagttctgtt	atctgttgat	ttcccatcac	ctgacagtaa	480
ctttcatgac	ataggattct	gccgccaaat	ttatatcatt	aacaatgtgt	gcctttttgc	540
aagacttgta	atttacttat	tatgtttgaa	ctaaaatgat	tgaattttac	agtatttcta	600
agaatggaat	tgtggtat	ttttctgtat	tgattttaac	agaaaatttc	aatttataga	660
ggttaggaat	tccaaactac	agaaaatggt	tggttttagt	gtcaaatttt	tagctgnatt	720
tgtagcaatt	atcaggtttg	ctagaaatat	aacttttaat	cagt		764

<210> 4435

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4435

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatcgcg	cacttttttg	atcggcatct	agtctttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtataac	180
caacatggta	gacttttgct	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcacaactg	aaacagcttc	aggcagaaac	300
agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatat	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatctt	tattttttta	gagtgtctgg	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatctt	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagttcttc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctggtt	ggtttcttta	atcaccccca	720
aaggtcgcca	taatanntat	ttgcccc				747

<210> 4436

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4436

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatcgcg	cacttttttg	atcggcatct	agtctttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtataac	180
caacatggta	gacttttgct	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcacaactg	aaacagcttc	aggcagaaac	300

agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatat	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatcct	tattttttta	gagtgcctgg	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatcct	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagttcttc	actttcagtc	660
tcttcagcng	agacatggnt	tcattcactg	gtctctgggt	ggtttcttta	atcaccccca	720
aaggctcgca	taatanttat	ttgcccc				747

<210> 4437

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4437

gnntaatgcc	tttcnattgc	ttggctctcg	atctttctgc	aggatcccat	cgattcggtc	60
ctacccaaac	ctgtggccgc	cacttttgaa	ttctcagatt	gccctgaatt	ttgccacttt	120
taaaatatgt	gctgaataag	ctcagcaact	aaaaaccatt	acccaagaac	gtttcttgtg	180
agtgagctga	ttattctga	ttcattatat	tccttttggg	agattttata	cccttggggg	240
aaataataca	acaaaaacat	ctcttaaaaa	tgctgggatg	gggccatata	tactagcaga	300
ggccagatgg	tcagatatga	tttctgcaaa	cccatcttga	ccttgagtat	gtgaaggggt	360
actgtacttt	attcctgata	cattttgggt	tccatgtagg	tggtgagctc	ctggntttct	420
gtgtttggat	gatgaagatt	tggacccttc	cattcataat	ccctttctaa	gtgaagggag	480
aggctggctt	ggctgntcct	tgntattccg	aaagccctgg	tttggggccc	atgttcacac	540
tggtctctcag	tctagtcagg	tgcaatgttc	ttgagaggtg	gggacctaat	tattaccaga	600
gtagcancaa	gagaggaaac	gttgtgaatt	aagtattcaa	tnaaaaaagg	aacatgattt	660
ctacctgaaa	aaangnanan	gnncctnnct	tgattanctt	cntaatcctt	nnnnatnnaa	720
ncnntcctna	annantttta	t				741

<210> 4438

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4438

ggttanttcn	tttcctttca	atccttggct	acttgttctt	tctgcaggat	cccatcgatt	60
cgaattcnnn	ncgnnggagg	ctncgcggca	tctggnnncn	ttgnnatctg	nttngcngnt	120
ngagcgatnn	tcggctgttg	tggacacgcn	tttnangctt	ctgttgtgca	tntannttga	180
ttcacatngn	cttacacant	gcctggangc	tgtctnntag	gctaatagcna	cttnccacatt	240
gggagataca	cctgctgata	gtggnnnatn	gacnncctga	nttaangtgn	tggannngat	300
nngtnntttt	anngnntggn	nnaaactnnt	cntattcnncn	tgatgnnact	ttggatcnca	360
ctnctgaggg	anactngtna	tggagcnanc	tngggcnggn	gnaccnncct	ntttttagaa	420
natgaaatca	tacatctgng	ngnntcagtg	ntnnnetgga	tatcngcntc	tgnnttantn	480
acttcacccc	anagcatnat	angacctcng	acttanccng	ngtcnnagcc	ttctganatn	540
nggnctggaa	gnctgntngg	ctnccctann	nnccctntt	gagnatnatg	atnnaacncg	600
gctttgggng	gttcccactg	atntgacact	gnctangcaa	gatncccaan	gatggcgant	660

cntcttgcaa	tttgggaagg	aantccnttt	tntncngctt	gntagnatng	ccttnnnnat	720
aaccttgctt	tgaantntt	taaccccnnt	aatccagntt	ngannttgct	ttaggtaaaa	780
nccaattgca	ntcgnnanan	ancg				804

<210> 4439

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4439

gnnnnnnntt	cccctttcta	atcncttgga	nntcgctctn	tntgnangat	cccatngatt	60
cgaattcggc	acgagagaaa	cacaggtgtc	gtgaaaacta	cccctaaaag	ccaanatggg	120
aaaggaaaag	actcatatca	acattgtcgt	cattggacac	gtanattcng	gcaagtccac	180
cactactggc	catctgatct	ataaatnngg	tggnnctgac	aaaagaacca	ttgaaaaatt	240
tganaaggag	gctgctgaga	tgggaaaggg	ctccttcaag	tntgcctggg	tcttggataa	300
actgaaagct	gagcgtgaac	gtggtatcac	cattgatatc	tccttgtgga	aatttgagac	360
cagcaagtac	tatgtgacta	tcattgatgc	cccaggacac	agagacttta	tcaaaaacat	420
gattacaggg	acatctcagg	ctgactgtgc	tgncttgatt	gttgcctgctg	gtgtnggtga	480
atttgaagct	ggtatctnca	agaatgggca	naccnnaaag	catgcncttn	tggcntacac	540
actgggtgtg	aaacaactaa	ttgtcgnggt	taacaaaatg	gattcacttg	accaccctan	600
agggcngaag	agatattgan	gaaattgtta	aagggaagtca	gcacttncat	taagaaaatt	660
ggcctacaaa	tccnnganac	aataancatt	tgtgcccaatt	tnnggggttg	gaatgggtga	720
ccaacattgc	ttggagccca	agtgnttaac	aatgccttng	gttnaaaggg	antggaaaag	780
ttacc						785

<210> 4440

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4440

ngatatcggg	cgctgagggg	ccaagtggga	ggcctngnna	ggtgtggagg	tggattccgc	60
tccgggcacc	gatctcgcca	agatccctnag	tgacatgcga	anccaatatg	aggncatggc	120
cgagcagaac	cggaaggatg	ctgaagcctg	gttcaccagc	cggactgaag	aattgaaccg	180
ggaggctcgt	ggccacacgg	agcagctnca	gatgagcang	tccgaggtta	ctgacctgcg	240
gngcaccctt	cagggctctg	agattgagct	gcantcacag	ctgagcatga	aagctncctt	300
ggaagacaca	ctggcagaaa	cggaggcgcg	ctttggagcc	nagctggcgc	atattcaggc	360
gctgatcagc	ggtatttgaa	gcccacttg	ggcgatgtgc	gaagctgana	gtgaacgggc	420
agaatcagga	gtaccagcgg	ctcatggaca	tcaagtcgcg	gctggagcan	gagantgcca	480
cctaccgcga	gcctgcttag	ggacagggaa	gatcactaca	caatttgtct	gctcaaggtc	540
tctgaggcag	cagctctggg	gcttttgttg	tccttggagg	tgttttctgg	tagagggatg	600
ggaaggaang	gacccttacc	cggggttttt	cttgactgca	ataaaaattat	tgggcaagga	660
aaaaaaaaaa	aaaaactcca	gccttanaac	tatanngngt	cggnttctta	aatccagaca	720
tganaanana	nattnttngt	ttggacaaaac	ccaacttnaa	tgcnatggaa	aaaatnnttt	780
tttttnnaa						789

<210> 4441
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4441

ggnnnnnnncnc	nntttttncn	cncncncnc	acattcgaaa	aaaaccccc	cnttttgggc	60
ccaaaaaaa	ncccccccc	cnttttgcna	aaaaaccccc	cttttggcna	aaaaaacccc	120
cttttgggga	aaaaaaancn	ttncncncn	cnnccanacn	gnnnnnnncan	cccgannaan	180
naggnnnncan	nannnnnnnn	nnnngannan	nnnnccncnn	attatttttn	nnnnnnncna	240
nnngnnnnan	annnnncann	aaannannna	nnnnccnttn	annnnnannc	annnnncnag	300
nagngnnnnn	ncannanaan	nnnngnnnnn	nanaancaac	nanaannngn	gngggnnnnn	360
annnnnnng	ngnggcacnn	nnanacnaac	anacnnnann	nananannaa	nacannnana	420
cngncnnan	nannanannn	ganannannaa	naccaannnn	nnnancnnaa	nncannannn	480
ncnngaggnc	ccccncncn	ccanancaga	agaagacan	ganannnnan	ccagaangan	540
cncanannac	aanacaaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnnaaa	600
nnnnncaaac	anaaanngc	nanacnagga	cganngcgac	aaacnacncc	nagacatana	660
caacanacaa	nacanacnaa	canaanannc	naacannaaa	cagaacaaga	cncagncaga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananacncac	780
anaacanana	cnanagnnna	aaaangaagc	aanacgana	cnnanannng	aagnanncac	840
ncacanncna	nagcaccgac	anagnganan	gacanganag	annnaancca	acaanngaac	900
aaagacncgg	nagnacaccn	nacnnaagaa	agcaacnaan	ancnccacna	acancngnac	960
acacacacan	nngnganaaa	canaccgnaa	acaanacang	ncaaacgnan	acnaagcaca	1020
nnncnnacaa	gcgacnngng	aaagacaacg	acacancaga	nnacgacgaa	nngancaang	1080
nanagacgaa	acacgnaccn	nggaaannca	aagnaacang	cacncacacn	ngacnacaaa	1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa	1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnanga	nanncgagca	cncagncgac	1260
gncgnananc	acgccacaca	ncnaacanta	aannnggann	nagacancng	gnggagantc	1320
gacannngga	cacagaacac	anacnncann	ancaccnnnc	ganacaacaa	cnagcgnaca	1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnaccnc	1440
gaccccaacn						1450

<210> 4442
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4442

ggnnnnnnncnc	nntttttncn	cncncncnc	acattcgaaa	aaaaccccc	cnttttgggc	60
ccaaaaaaa	ncccccccc	cnttttgcna	aaaaaccccc	cttttggcna	aaaaaacccc	120
cttttgggga	aaaaaaancn	ttncncncn	cnnccanacn	gnnnnnnncan	cccgannaan	180
naggnnnncan	nannnnnnnn	nnnngannan	nnnnccncnn	attatttttn	nnnnnnncna	240
nnngnnnnan	annnnncann	aaannannna	nnnnccnttn	annnnnannc	annnnncnag	300
nagngnnnnn	ncannanaan	nnnngnnnnn	nanaancaac	nanaannngn	gngggnnnnn	360
annnnnnng	ngnggcacnn	nnanacnaac	anacnnnann	nananannaa	nacannnana	420
cngncnnan	nannanannn	ganannannaa	naccaannnn	nnnancnnaa	nncannannn	480

ncnngaggnc	ccccncnca	ccanancaga	aagaagacan	ganannnnan	ccagaangan	540
cncanannac	aaanacaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnnaaa	600
nnnnncaaac	anaaanngc	nanacnagga	cganngcgac	aaacnacncc	nagacatana	660
caacanacaa	nacanacnaa	canaanannc	naacannaaa	cagaacaaga	cncagncaga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananacncac	780
anaacanana	cnaagnnna	aaaangaagc	aaanacgana	cnnanannng	aagnanncac	840
ncacanncna	nagcaccgac	anagnganan	gacanganag	annnaancca	acaanngaac	900
aaagacncgg	nagnacaccn	nacnnaagaa	agcaacnaan	ancnccacna	acancngnac	960
acacacacac	nngnganaaa	canaccgnna	acaanacang	ncaaacgnan	acnaagcaca	1020
nnncnnacaa	gcgaacnngng	aaagacaacg	acacancaga	nnacgacgaa	nngancaang	1080
nanagacgaa	acacgnaccn	nggaaannca	aagnaacang	cacncacacn	ngacnacaaa	1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa	1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnanga	nanncgagca	cncagncgac	1260
gncgnananc	acgccacaca	ncnaacanta	aannnggann	nagacancng	gnggagantc	1320
gacannngga	cacagaacac	anacnncann	ancaccnnnc	ganacaacaa	cnagcgnaca	1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnaccnc	1440
gaccccaacn						1450

<210> 4443

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4443

ccttggnnag	nngccccctt	naaanccttt	gaaaaccctt	ggcaaangcc	ctnnncngnnn	60
gateccatcg	attcgaattc	ggacgaggag	aggatcactt	gagcttagga	gttcaaatec	120
agcctgagcc	aacataacaa	gactttgtct	ctaaacaaaa	cagttattgt	ttaaagaatc	180
tgaaatcttc	atctttaatt	caggtagcac	cgactcgagc	ccaagtttgt	ttgatatcca	240
gttccaagtc	tggagagagg	catctntatc	ttattaaagt	atcgagagac	aaaatatcag	300
acagcaatga	ccaagagtca	gcaaattgtg	atgcaaaaagg	gctatcaaag	ggaggttttt	360
tacagagaac	taaggaagag	aaggagggtg	ttaaagagac	ttgagatcag	aaaaagatca	420
agaacaactt	gaatctcaaa	gtatgaattt	gaagtatttt	gctgagcaaa	catttgaatg	480
cctgtatgta	cogtaatcct	ctatcactgg	ggtccccaac	cccggtagca	gcccgtggcc	540
tgctagggac	tgggcccgcg	cagcaggagg	tgagcagngg	gtgggcaagc	cgaccattcc	600
cacctgagct	tnccctcctg	gtcagatcag	cancagcggt	agattctcat	aggagtgcaa	660
ccctattgta	aactgccatg	cnagggatct	aggttgacag	ctccttatga	ggaattgaat	720
gcctgatga	acttgnact	gncttccatc	acccccagaa	ngganctggc	taacc	775

<210> 4444

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4444

ntcnannngn	gtccttggcc	cttgetnttt	ntgcaggatc	ccatcgattc	gccaacgagt	60
accagctgat	tgactgtgcc	cagtacttcc	tggacaagat	cgacgtgatc	aagcaggctg	120

actatgtgcc	gagcgatcag	gacctgcttc	gctgccgtgt	cctgacttct	ggaatctttg	180
agaccaagtt	ccaggtggac	aaagtcaact	tccacatgtt	tgacgtgggt	ggccagcgcg	240
atgaacgccg	caagtggatc	cagtgtctca	acgatgtgac	tgccatcatc	ttcgtgggtg	300
ccagcagcag	ctacaacatg	gtcatccggg	aggacaacca	gaccaaccgc	ctgcaggagg	360
ctctgaacct	cttcaagagc	atctggaaca	acagatggct	gcgcaccatc	tctgtgatcc	420
tgttcctcaa	caagcaagat	ctgctcgctg	agaaagtcct	tgctgggaaa	tcgaagattg	480
aggactactt	tccagaattt	gctcgctaca	ctactcctga	ggatgctact	cccgaacccc	540
ggagaggacc	cacgcgtgac	ccgggccaaa	gtacttcatt	tcgagaatga	agtttcttga	600
nggatcaagc	acttgccagt	nggaaaatng	ggcgtgnact	tactggttac	cccttcattt	660
tnaacctncg	cttgtnggga	acaacttggg	gaaacaattc	cgnccgtngt	ggtttcaaaa	720
cggaaactggg	cccnnggaca	attnanttta	agcgggcaat	ggccaccctt	ttgggtcaan	780
gtncnnaagc	ctggtttttt					799

<210> 4445

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4445

gaaaggggag	ngnanntttt	naanggcgtt	ctaattgntgg	agcacgannc	tanaaagcgg	60
gttnggcacg	aggctgnanc	tgcccgtggg	caccacgggn	acactgtctt	ccgggacctg	120
ngggcccaga	nnggctgggt	gacgggnctt	cctaacagag	tacgcggggc	cccttttcat	180
ntacctgtct	ttctacttcc	gagtgccttt	catctatggc	cacaaatatg	actctacngt	240
ccagtcggca	tacagtgggtg	cacctgcctt	gcattctgtca	ctcattccac	tacatnaagc	300
acccggaata	nagcccgtctg	ccccagtcgg	aaaaaaaaaa	aatnaanann	atanccctnna	360
tgntaana	aaacttgngc	ctnttaaanc	ttagttagtc	ngaattacnt	naaatccaga	420
ccatgatnga	gatcccattg	atgaagttnng	gnacaagccc	ncancttaga	aatgcnangg	480
aaaaaaaaat	tgctttaatt	ntgttgaaaa	tnngcnga	gcncatnngc	ctttantntg	540
ntnacgcnat	tattnaagcc	tgngtantta	acccaangta	tatccacca	acaaaatggc	600
atancaattn	tatanggttn	nanngctntc	agngngcggn	aggttgctnt	ganagnngnt	660
nttcnnaatt	ncctncggga	nctgagngag	ccccaaatag	cntttggggg	tcccnggntc	720
acctcanacn	ttncgggata	tanncentac	gnaannanng	gggtctaaan	ttgggcncca	780
ccttgngngc	gnnnaaantc	tnnnnggnt	cnaataannc	ttnttntntc	ntnnngngtt	840
naanaatntg	nanatatacn	cncgtataca	tanacanntc	tcnctgnccg		890

<210> 4446

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4446

nnnntgnnnn	nnnnttttnn	nngngcnttt	tatagncngc	tcttgttctt	tttgcaggat	60
cccatcgatt	cgcagcagg	ttgccnngtg	gctgntatgg	catctatann	antttcaggg	120
ttncentaac	cnngggnc	ntgcnnntgan	tgacngtggg	natcntgtng	tggttaangan	180
cncaggacnc	nttgnatntn	ntggaaacaa	atggnaacan	anngtatacct	ctnnggatac	240
tggtnccca	nntggnttaa	cacaggtanc	agctgctcan	nttnacctga	gggatccaga	300

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ggcnnttgtc aaactagcta ttcattggcat gctgcccaana aaccttcaca gaggaccaat 360
gatggaaaagg ntgcattctt ttcagatnc tntattccag aanatntnct nangaatntn 420
cnagangagc ttntctcaanc ncgaaaanta cctaaacgtn tanatgagtn acacacgaag 480
aaatggacgc cttcccaaga ttgtggactc cacctgacna ttatcggcta tangagagta 540
anacttgnac anaataacag tgaagtgatt gaaactttct tctgangagt ttctctacct 600
acaggatgga gttaaact gntacagntc acacctgttt tatgtgcnga atcactgttg 660
ggaaaggtag tgacgtgtan ncttcaata gganattgga ttgaaatntc actttattga 720
accattttta tgnatctga 740

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<210> 4447

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1221)

<223> n = A,T,C or G

<400> 4447

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anggccanng nnttttttcc caaaaagngg ccccncttt ttcnaaaaa ccccttttt 60
gccaaaaaan ncgccttttg gggccaaaan anntgccccg cngnncnnn ggttttggnn 120
cncnnaaaan nnnnnncccc ncnannnnn cncnnnnnn ncnnnnnnnn nnnnnnnnn 180
cannanncnn nnnnnnnnnn ngnnnnnnan acnnnnnnnc tttttnnnn nnnnangnnn 240
gnggggnnna annnnnnnnn cgngngngca nnnnnnnngn ggggnanann ncaanngann 300
ggncncncnn nagacaacnn nnnncnnana nnananacna annncncnnn nnnnanaang 360
nnncncnnnn annanncna nnnncngnnc ccccccncgc nccngncnnn gnggcgcaan 420
acntnancnn nnnnggnannn antncgagan tgnncnaatn anngcncac annaagncca 480
naaccacaat ncnnnanaac tntnnnatn ngaanacanc cagancccaa anaccnngnn 540
aacacnnaan nanaacccan cttnnaagnna cgccagnngn annacccaan acncncaann 600
nccagnnnna ccnaacacca cgcannncct naanacanac nananncaaa ncnatngncn 660
cacgagtngg taacnncna accnacnaac acncagncgn ncanacncnc nannnncatn 720
accnacacnn cnncgnaaan acngacnaac aaatcnaana agncnnnnna nttnancaaag 780
nanatncnan cnnnacgacn tananantan ccacnnnana cacacacncg acgagncaac 840
aacnaccatn ncngcacgn accnncngtc tnnncacaan aactannca nccacccgna 900
aagaagaaac tanccaaann tnnacgancn acctctnnaa gncccgcnag annacnannc 960
acgncccaan tnacaccnna cnnccnnaca cncnaacgtn ccannacata acnngaacca 1020
naccacngca ngaannnnac annncaagnn annacancan ancnnngaac nnnagcgcgc 1080
ancanccnac gncgcaannc gacanaagnt anagaagaac nacnaaacnn annncaaan 1140
naannaaacc taccagann gttnacacna cacantncnn cnnacgagcc gcatnnnnn 1200
ananacgacg gacancaacc c 1221

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<210> 4448

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 4448

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gnnntttcaa atagctagc tactngttct ttttgaggc atcccatcga ttcgtgttaa 60
tcgtgtggtg ataatcctgt cctcctttta aagcgaattc tctactgaaa ggtctgctct 120
gcttaaggag ctacaaactg ctctcaaaag aatgaaatac tgagttccaa ttcagtgagg 180

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cacagtgttg	gactatggca	catttagttg	gagtcggggg	gaggtcagga	atatgatcag	240
ataatggatt	ttatacctta	gagcaaaatc	tattagtctc	tctcagttta	tcaattttaa	300
tggcttttagg	cttatagggg	gtgtaaactt	taagaatata	attctcccat	tcaagtttac	360
agcaaacatc	tagccacctt	caaaaacaaag	aatatacaga	ccatcattta	gcaataactaa	420
tacatgatatt	tccttgggga	tggcaggttt	gagaatcctt	tagcaacagg	acatactttc	480
cctaaattan	cnngggaatt	atTTTTTTTtac	ccgggggttaa	aagcttttca	ggntnccaaa	540
ncttaaagggt	gggggttgct	ttaaccaacc	taaaaaaact	tnnccacctt	aaaattcttc	600
aaaaggaaga	aaaagttnct	ttggccaaaa	atTTTtggtaa	aaagtttcca	ccaaanggggt	660
ggcaaaaacc	atTTTTTccc	ctttcctttt	aanggcnttt	ttnaatcctt	aaagggaaaa	720
ggggccttnt	ttgaaaaaac	ttggggggccc	ccaatctggg	tanttaccac	gggccttcca	780
aaaatttttac	ccgttttttt	tnaaaanggg	aaaggaaaat	cttnttgncc	aaccttttnaa	840
gggcnttttat	ttggccaggg	gaaaaatacc	cttcnatttt	ngggnantgg	ttaaaaaaan	900
ttttattttg						910

<210> 4449

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 4449

gnntttnnan	nncngnttt	ctaattcctt	tcnaatnctt	tgnnancgtt	ctntatgcan	60
gacccatcga	ttcgggaatc	tcctagaaaa	gttggtgattt	tcgagccata	tccttctgtg	120
gtagatccta	atgattccta	natggtggcc	ttcaacccca	ggaaaaagaa	ctatgatcga	180
gtaatgaaag	cactggatag	cataacttct	atcagcnaaa	tgacacaagc	accatatctg	240
gaaatcaaga	agcaaatgga	taaacaggac	ccccttgctc	atcccttact	gcaatggggtt	300
atatcaagta	atagatcaca	tattgtgaaa	ctgccagtta	acaggcaatt	gaagtttatg	360
catactccac	atcagttcct	tcttctcagc	agtccaccag	ccaaagaatc	caattttaga	420
gctgctaaaa	aactcttttg	aagcaccttt	gcattttcatg	gtcacacat	tgaaaactgg	480
cactccatcc	tgaggaatgg	tctggttggt	gcttctaata	cacgattgca	gctccatggg	540
gcaatgtatg	gaagtgggaat	ctatcttagt	ccaatgtcaa	gcatatcatt	tggtactcag	600
ggatgaacaa	gaaacagaag	gtgtcagcca	aggacgagcc	agcttcaagc	agtaaaagca	660
gcaaatatcat	cacagtcacn	ggaaaaaagg	acagcaatcc	caattcctgc	caaagccgta	720
acttaaaatg	catagnctt	atgtgaaagg	gatcaccttc	atctggacct	gcacaaacat	780
ggc						783

<210> 4450

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 4450

gntnngnnnc	cntntnagg	gggtntaatg	cngctctgtt	cttttgcagg	atccctcgat	60
tcgaattcgg	cacgaggaat	acctcaaacy	tctaccatta	cngtggggta	ganttttagcc	120
cacntntgcc	tttncancnt	angggttntt	cntaagaaga	antactttga	ttctgaactt	180
gagcttatga	catacattaa	tgaaaactgg	gatagattgc	accctggaga	gctggcngac	240
acaccaaaat	ctgaaagata	tgagcatggt	ctggaggcat	taaatgatta	caagaccatg	300

tttatgtctg	ggaaagaaat	acaagaanaa	gaagcatttg	tttgggttgc	gaattcgtgt	360
tcctcctgtg	ccaccaaatg	tggttttcaa	agcagagaaa	gaacctgaag	gaacatctca	420
tgaatttaaa	attaaaggca	gaaaggcatc	caaacctata	tctgattcaa	gggaagtaaa	480
gcaatggcat	ataaaaaaaa	ggaaagaaaa	aatctgtagg	tcgtccacct	ggcccatata	540
caagaaaaat	gattcaaaaa	actgctgagc	cacttttggg	taaaggaatc	aatttcagag	600
aatcctactt	ttggatttac	cttggnctat	agggagaact	gagggaactg	ccattcatcc	660
agtacctcag	atgtgggatt	ttacnggtgc	ttncagtgc	aaaagaaact	accttcgcta	720
gcattttcng	gccattatga	ttattn				746

<210> 4451

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4451

gaccnategg	ttngngagac	ngcctnccnn	tennnncngcn	tctgnnggnt	gntnttttga	60
cacggtctcn	ngtgaaagta	cncacncact	cacacgnnaa	tgggcattgc	acccactcc	120
tgctcaaagn	gctgnacgcn	gtcatgngta	gaattnctgt	acgcctgnnc	tctgnccent	180
annngngant	gggccacnnn	tntntatgan	cgcgacacca	angtgagtct	gacctttctg	240
acttgannna	caangtttgn	gggggctgnc	attcgtgntt	tnngngcnct	tnnaancatn	300
ataggaganc	ntnatnnncg	actgggaacn	nnctnnacac	atnctatctg	ngaantcatg	360
gggatcatng	gaggaaaccc	ttgtgctcga	aaataacgtg	ngtcaaacad	gcactcatgn	420
gncnngccnn	accacnctn	gnctgtttcc	tacctaaagg	ataccatggn	atgnacactt	480
acngtaattn	tgcaaagtng	gcaaanatnt	tctcanancg	gagcctaacn	gnctaaatna	540
aaggnttttc	atnnccaggg	ncttggtaat	atnggcnaaa	tntggcnaac	aagngggtga	600
ctcactttta	aaggtgnaat	aagattttcc	ncattntntn	aaaaggaacc	tggnggaaaa	660
agntaagggc	caaanccctt	aagncncttt	ncnggnaang	gtttggccaa	atccgggggt	720
ggnggggncc	aanaatgntt	ttcaggagga	tngggnaaac	tttttttct		769

<210> 4452

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1366)

<223> n = A,T,C or G

<400> 4452

ananaaanann	annnnnnnaa	ggnaaanana	nnnnnannnn	naanangnaa	ananaanann	60
tnnanaanann	aagnngnttc	nanncttttc	aaagcttgga	aaacgcannc	aannnnnggg	120
aaagcaagaa	agaacagcta	aagnnngncn	cagaganagc	ttttangang	tntangaaga	180
aggaatanann	gnggncaata	nnnnannnnn	ngaaantatc	atganacnca	aatganggan	240
aaggcagcac	aagctgngca	aacagctatn	gngacggggg	ggccggggaga	gnctaaangn	300
cananatnca	atatataagg	actgcatgcn	aagggatacn	aaacaagnan	actnntctag	360
gaagaaataa	ntnttgacnt	ancnnacntt	cataacgaat	agcaccgtac	atcgagncaa	420
ccaactaana	ggncataagg	aatggcaaan	nacnttaatn	nntgagcnaa	ggaagggngt	480
atngnccnan	anngaaatgc	ntcntaacca	anttttaatn	gtaacggnat	nangatnaan	540
ncntnanccc	acgcaactca	aaaanattac	attanntaaa	aaagancat	ancaaaaacta	600
gtnttcaaaa	tngnacgagn	aatgggnaa	nantttntnn	ccgggaaaaat	tggngagagt	660

ccanaaacac	tggnatnagg	naatanatgn	ccgcccnaaa	aaacccntnac	cataggnatn	720
ggctancata	gangagatat	ancnatnagg	ggatcaanan	cntaggnatt	ngaaaantaa	780
ncgagttaaa	acancnagat	nnggnantac	gaganatagc	ttggacgngt	atcaaactcg	840
accctnngat	gggcntangg	aaaaanaaaa	aggntngagn	gaanttcctc	anaggaanng	900
tganagagcn	aaanaanatn	aagggccttg	gngaaaangg	aaaaacagat	agngtcatnc	960
natatatncn	natgananan	tggggnaatn	taatctacnn	tanatnnggg	ggaaaaaaat	1020
cnnncatgac	nnnaaaanga	gntaatgna	nnatgagaga	ttaaaccnat	aaaacnagag	1080
aantttgngn	aaantgnga	gataaaaaat	aaataaattc	tnnttggaac	atntanaccn	1140
tctatnnaaa	aaaaagaggg	gaaaccatct	ngattatgca	cananaaatn	tnacntngng	1200
gaaataaatn	gggnacaata	acatatatgn	ggatgtacan	tnntggncng	aaaaactata	1260
caacntgaga	nnnnacnang	atataaagcn	nnaggnagtn	tatangggca	tcatcaangg	1320
gaagntataa	agcaactgna	nnctcatata	naaaactgnn	cnncaa		1366

<210> 4453

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 4453

tgatcctcag	gcnntcggga	tgacacgtna	ancatagaag	ctggaggagg	nggnccngcg	60
cttgntcata	atttaaaaaa	attaaaaana	cgcaacagcc	gcttttctta	atccatatcc	120
cttttaaanac	acagaggcng	gtaatnagtg	naatagaaga	atgntnttgt	ntcttcctac	180
ggtgacngtt	nttattnac	nggnttcttt	agcaggactg	ttctactcaa	cctctgtgga	240
anaaaactnt	ccncagggct	gnctaacaca	nncagccttt	gcttttacan	cctgctcttg	300
cctattacca	taccactgta	tgtnttcttc	cacctntgga	cnnggatggg	tattaaactc	360
tnaggcatn	antgatgcaa	ctanagtcaa	tatgctgtnt	ntattaatga	gagctcttgg	420
gcacccatnt	cntgaaagct	caantggatn	gaattnagnt	ngcggganag	aggcttttnt	480
ttgctcatat	nacgctnatg	gactggggna	ggctnaaatt	gcaaagtctg	cttttaattg	540
cncctcttga	tcnaccatg	aaaaattgga	aggctcttga	cnaataactg	gtggngtcan	600
aaananaaca	tttttgacnc	nggtcatgnt	ntggagaatg	aacatcccta	aatcnaccat	660
gtggaagacc	natttcataa	atncattcnt	ntaanaaaaa	attggnaaat	ctttnttttg	720
ctttggtnng	aacaactttt	aangggcttt	tgngcaaagt	caccatggtt	aangggatgg	780
acttgnaatt	aaattncccn	aaggaattna	anggttgggg	aaataatncc	cctnttaaag	840
ggaaaaaaa	ng					852

<210> 4454

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4454

tggtttttnnn	ngnggggggg	ttttctaatt	gcagtcaann	tnngtgtcct	anncccgnntn	60
ccnnggngcg	cccnaacttg	gaggtggccc	gcttcagac	catggaggag	aagaaagcat	120
tcattntntac	cactgaagaa	agaccgaatt	gcaaaggaag	aaggagctta	atgccaggaa	180
cagattttgc	agttggtggg	gtctcaataa	aagtttgttt	cagtggaaaa	taacttttat	240
tgagacaaaa	aaaaaaaaaa	aaaactcgag	cctctagaac	tatagtgagt	cgtattacgt	300

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agatccagac atgataagat acattgatga gtttggacaa acnacancn gaatgcagng 360
aaaaaaatgc tttatnngtg aaatttgtga tgctattgct ttatnngtaa ccattataag 420
ctgnaatana caagttanca ncaacaatng cattnatttt atgtttcagg ttcangggga 480
ggtgtgggag gtttttttaa ttcnecggccg cgggtgccaat tgcattgggc cgggtcccca 540
cnttttgunc cccttttagtg anggtcaatt ncgcgcttgg ccttatcntg ggtcatagct 600
gtttcctgtg tnanatnnaa tgnenttnca cttttcnac aattnaagtn gcnnnagaaa 660
tccancactg ncaanttggg ggcanncacn gcttgntaaa tnnnggtattt ttcnaggagc 720
ttttaantan ntnggntcaa nggnacaagc nannttagct ccatnggctt ngacctccnt 780
tannaaccaa aatgnttnn 799

```

<210> 4455

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4455

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gnannngccn cgntttttagt tccccctntt caaatccctt gnnaatcgcc ctcnctgttt 60
tgatcccatc cgattcgaat tcggcacgag atggcagttg cttttgaagt atatgatgnn 120
ttcctccact acaaaaaggg gatctaccac cacactgggc taagagaccc tttcaacccc 180
tttgagctga ctaatcatgc tgttctgctt gtgggctatc ngcactgact cagcctctgg 240
gatggattac tggattgtta aaaacagctg gggcaccggc tggggtgaga atggctactt 300
ccggatccgc agaggaactg atgagtgtgc aattgagagc atagcagtgg cagccacacc 360
aattcctaaa ttgtagggtg tgccttccag tatttcataa tgatctgcat cagttgtaaa 420
ggggaattgg tatattcaca gactgtagac tttcagcagc aatctcagaa gcttacaaat 480
agatttccat gaagatatat gtcttcagaa taaaactgc ccttaatttt aatatacctt 540
tcaatcggcc actggccatt tttttctaag tattcaatta agtgggaatt ttctggaaga 600
tggtcagcta tgaaagtaat agagtnttgc ttaatcattn ggaattcaaa catgctatat 660
tttttttaaa aatcaatgtg aaaacataga cttattttta aattgntacc aattacaata 720
aaaataatgg gcaattaatt tttnaaaact ttttaaaata gnatgctcat attttttaaa 780
ataaaanttt tnc 793

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<210> 4456

<211> 1095

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1095)

<223> n = A,T,C or G

<400> 4456

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cgnnnatttt nccgccctc ctgggaaaat cnccttgncn ngtgaaaaaa cncntgggtg 60
aaaaaccctt tttggcaaat tttcgttgna aaaannntnc ccccgannnn gnnnttnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntttt ttttcnncc cntttttttt 180
tttcngnnnn nnnnnnnntn nnnnnnnnnn nngngggggg nnnnnnnnnn nngggggggg 240
annnnnnntt nngnnngnnn nnnnnnnnnn nnnnnnnann cnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaannnn nnnnnnnann nnnnnnnann 360
nnnnnnngg ggggcggggg gnnccgnnna cgacnagnana nnagnnacna cngaananan 420
nagnannann nnnnnanaaa annnnnanag nnaanacgna gnaanaanaa gnnnnanaaa 480
ngannacgnn nnacanannn cnnanaaann nacaaacnan acaanatana nanncnag 540

```

annaananac	ncnagaanaa	aannaagaan	nnaagcnngn	nncgnaanana	ccctaacnca	600
nanngaaagn	acngananan	nnccgagann	aanagnnaag	aaagnaacan	agnngnnaga	660
ngagaaagac	nannagaacn	anaanganan	angcannnnng	cncncnctna	naaananana	720
nnatananga	tnnaancggn	ganagnaann	acnagnncga	cgcgnnngan	anngaacgga	780
nntcgnnnan	gggnnnaanc	acnnncncaa	caagnanang	cgagagtcaa	nanncanann	840
nanancngaa	nannannnag	nngnaanana	nanacanacn	anaanangnn	nanagacaga	900
ngcangannn	ngcgcnanna	gnagnagagn	nnatnangnn	tananaagnc	ananacgaca	960
nnanaacgtn	acgcccgnncn	ananangaga	nnnnganaaan	acgngagaga	gnagaanagn	1020
acanaganan	agcnacgnnn	gacagcanaa	acgannchnan	aagcggnaaa	tanngangcn	1080
agnngnnnga	cagcc					1095

<210> 4457

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 4457

ttntttcctt	cctctaatec	ttttanegcc	tttctgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	tcctccaaga	gtttggggcg	cggaacnnag	tacettgcgt	gcagttatgt	120
cggcgtntgt	agtgtntgtc	atttcgcggg	tcttacaaca	gtacttgagc	tcactccgc	180
agcgtctgaa	gttgcctggac	gcgtacctgc	tgtatatact	gctgaccggg	gcgctgcagc	240
acggttactg	tctcctcgtg	gggaccttcc	ccttcaactn	ttttctctng	ggcttnatct	300
cttgtgtggn	tgagtttnat	cctagcgggt	tgccgtgataa	tacngatcaa	cccacngaac	360
aaagcngatt	tcctaaggcct	ctgcccagag	cnagcctttg	ntgannttct	ctttgccagc	420
accatcctgc	accttgttgt	natnancnta	ggtgnctgaa	tcattctcan	ttncntaatt	480
gangagtang	anactaaaag	aatgttgact	ctttgaatct	gctggataag	agactngaga	540
tggcagctta	ttggacacat	ggattttctt	cngatntgca	cttactgcta	gctntgctan	600
ctatgcagga	gaaaagccca	tagttactgc	gtgtgnacaac	aactntctaa	cnaacattca	660
ttaatccann	ngannccctt	caangaatgg	taancctatg	ccnttcaana	tactgaactt	720
nntgccactt	ntggcaaaaa	aaat				744

<210> 4458

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4458

tatcacatat	acacatatgt	gtcccatata	cacatatata	catatgtgta	cccatatata	60
catatacaca	tatgtgtacc	catatacaca	tatacacata	tgtgtaccca	tatacacata	120
tacacatgtg	tacctatata	cacatatata	catgtgtacc	catatacaca	tatacacatg	180
tgtacccata	tacacatata	cacatgtgta	cccatatata	catatacgca	tatgtgtacc	240
catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	300
catatacgca	tatgtgtacc	catatacaca	tatacgcata	tgtgtaccca	tatacacata	360
tacgcatatg	tgtacccata	tacatatata	tacctgtgtc	ctatatatac	acacacacac	420
atatatatat	ctatatacct	acatatatat	acacacatat	atatatacct	ggatcatttt	480
ttaaaatgct	caacagtaca	cacatgtaac	agcatttcag	tcaatggntg	gactgcatat	540

ttgatgggtgg	cccataatat	tataacggac	agaaaaattn	caatcaccta	gtgaagcata	600
gcacaatgca	ttaattactc	ttgggggttgg	ggggcatggc	tgggtgtaaac	aaacctacca	660
tgctgncagt	nccataaaca	tatagcatat	atagggtata	tattatactt	naataataac	720
tatgggtgntg	gggtaagnat	ttaatgnatt	taccatggnt	ttaaaganaa	ctcctcctac	780
ttttttccaa	aagtactnta	aaacanncn				809

<210> 4459

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4459

agggccagtt	tgatcattcc	aaagatgggt	ggttaggccc	cggccctatg	ccagctgtca	60
caaagcggca	aatggacact	caagaaccaa	gatgatataca	acctccatca	agacagctcg	120
gaaaagtaaa	agggcatcag	ggctgaggat	aaatgattat	gataaccagt	gtgatgttgt	180
ttatatcagt	caaccagtat	taaaggcctg	cctgatatac	aaccctcgaa	tgcaacacag	240
tgctcttctg	aggccactct	aaaggccagg	aaagggtttgc	taagaagtct	gtgctgttaa	300
aaacagaaga	aaaagaccct	tatcccatg	ctctgtgtct	ggtggctata	gggatagtat	360
ttcataaaaa	aagaaaggca	aaaataat	tcaaaaatga	ttcaagaaat	gctgtcaaag	420
atagcaaaag	aacagagtcc	tcagagaaca	gtgcccagga	caggataagc	actcaataac	480
atataacact	gggtaagtct	tggtgagtgc	tggtcggttg	ttgagtgc	nctattgggtg	540
gagtgcctgt	tggtgagtgc	taactgctta	ntgctanctg	gtgnttgagt	gcttggtgg	600
ttgaagtgc	tnncttggtt	ggttgagtgc	ttggttggtg	aaatgcctac	ctgggttggtt	660
ganntgattg	ttggttgant	ngctaaccnn	ttgtttnatg	cntnctngtt	ggtgaatngc	720
tttgtngttt	aaagctaact	tggttnttgn	atgctttgtc	ctggcctggg	gcccttnttt	780
ttaccctttt	gatgtncat	ttnttccatt	taactttccc	caattncctt	ntttgggnnc	840

<210> 4460

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (980)

<223> n = A,T,C or G

<400> 4460

ttcctaattc	tnggctctcg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
aagccnaatt	gaattgtggg	aacaggaaca	ttcaaaggca	tttatggtga	atgggcagaa	120
attcatggag	tatgtggcag	aacaatggga	gatgcacga	ttggagaaag	agagagccaa	180
gcaggaaaga	caactgaaga	acagccaggc	tggtcttgaa	ttcctgacct	caggatgatcc	240
acctgcttcg	gccttccaaa	gtgctangat	tacagggtgtg	agccaccacg	cctggctaatt	300
tttgnatttt	tagtntaaat	gggggttntt	ncaaagcttg	gnctttgaan	ttncccaanc	360
ttcanggnng	aatncccncc	ncccttttgg	gcttcccccn	aaatggcttg	nggantttcc	420
annggcctt	taagcccaac	cnttngcccc	cnngnccctg	aatngntttt	ttttgaaatg	480
gaattttttt	taaaaaaatg	gggggttttt	cnaggccatt	tttaaaaaaa	cccntttana	540
acttgatttt	ttttaaaatt	attatttttaa	aatttccttt	ttttaaaaac	ctccaaattt	600
ttaaatgggt	taaaatattt	taccttggtt	anccaccttt	aacttaagcc	tttttcntgg	660
aaanggtttg	ggtccttttg	gagaatnaag	aatttggaaa	aaatggacca	ggtttngttt	720
ggatttttct	tgaagggtaa	atttttacccc	caaaatttaa	aattattatg	gtattgtggt	780

accnttttgaa	aaaaaaaaaaca	tnttntannn	cttntntnct	ctaannectn	cttntnntat	840
aaaaaaacct	ncnnngggcc	cttttaaaaa	ccttttttgn	gggnggggcc	ctttttttac	900
cngntanaat	nncccaacc	ttngatttan	ggnnanncc	ttgnttgaa	atttttgnnc	960
aaaaccccc	aatcttttgn					980

<210> 4461

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4461

tgggnnnnnn	nagngtnggc	ttttcttatt	ntggctgtaa	ccgntngnag	cncgcacnca	60
aannggctgg	gncgaattcg	gcacgagggt	tggaaacagca	gcactataca	tgaaatataa	120
accaaanaac	tttactgttt	ctaaatttcc	tagattgcta	ttatttggtt	gtaagttgag	180
tattccacag	aaagtggtaa	ttatctcttc	tctcttcctc	cattagaaaa	ttaggtaaata	240
aatggattcc	tataatggga	gcacaccac	ttattaaaac	acacatagaa	tgatgaatta	300
aaaaagtttt	ctaggattgt	cttttattct	gccacattta	ttgataaaca	gtgaaggaat	360
ttttaaaaaa	tttttaagaa	ttgtttgtca	cgtcattttt	agaaatgttc	tacctgtata	420
tggtaatgtc	cagtttttaa	aatattggac	atcttcaatc	ttaaacattt	ctatttagct	480
gattggttct	cacatatact	tctaaaagaa	acttttatgt	tataagagtt	actttttgga	540
taagatttat	taatctcagt	tacctactat	tctgacattt	taggaaggag	gtaattgttt	600
ttaatgatgg	ataaacttgt	gctgggtgtt	tggatcttta	tgatgctgag	ccatgttctg	660
cactggtgct	aatgtcctaa	ataattntat	atttacacac	ataccgtgct	accagagat	720
taatttantic	catangaacc	attgacccat	tgttcattga	c		761

<210> 4462

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4462

gnnnnnnnnn	nagngtttga	antctctcct	ngaaatcctt	tggcnactcg	ctctttntgc	60
aggatcccat	cgattcgaat	tcggcacgag	gggcaatgca	gttataatac	tgtgttaatt	120
tcagacatct	tctggctcct	cgagccttgt	atttacatac	tagctgaaac	tgcaagtgga	180
aatgaatgga	gctgatgata	tttgctttat	cctaattttt	ctgtgaggag	gagaaaaaca	240
cttgtgcttc	aaataagcag	atgtgaaaac	acttctcact	aatcaaaatg	tttaccacta	300
ggttatgaga	gtctgcctct	cataggcagt	gaatctgata	tgtatactta	gtaatataag	360
tctatttagt	ttgacaaaac	cttagagcag	aatttttgca	gcttagttca	ggatgatcac	420
tagcaatgcc	aaacttcatt	ttttattgaa	cttggatcca	agaaggcctg	ctgtgtctat	480
ttcagtatag	actctcatac	caatatattt	atgctccaag	tcactacacc	cagaagtgat	540
gcagtggggg	aaatgcaaag	acaacatcac	tgtaagattc	acagaatgga	tcttttgtaa	600
aatattttat	attgacttaa	ggaaaacctt	tcattgggaa	ttaattaaat	taagtctcta	660
atatcctgga	agacagtaaa	aantnaagcn	gggtntctca	antttgaacc	cggcnattng	720
naatttcatt	ataggaattt	ctgaaaataa	tcc			753

<210> 4463

<211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(913)
 <223> n = A,T,C or G

<400> 4463

gcgtcccntt	tcaacnttgc	taatcgctgg	ctatcgttct	ttctgcagga	cccatcgatt	60
cgaattcggc	acgaggccat	gggcccgcgc	cccgccegtt	gttaccggta	ttgtaagaac	120
aagccgtacc	caaagtctcg	cttctgccga	ggtgtccctg	atgccaagat	tcgcattttt	180
gacctggggc	ggaaaaaggc	aaaagtggat	gagtttccgc	tttgtggcca	catggtgtca	240
gatgaatatg	agcagctgtc	ctctgaagcc	ctggaggctg	cccgaatttg	tgccaataag	300
tacatggtaa	aaagtgtgtg	caaagatggc	ttccatatcc	gggtgcggct	ccaccccttc	360
cacgtcatcc	gcacaaacaa	gatgttgtcc	tgtgctgggg	ctgacaggct	ccaaacaggc	420
atgcgaggtg	cctttggaaa	gccccagggc	actgtggcca	gggttcacat	tggccaagtt	480
atcatgtcca	tccgcaccaa	gctgnataac	aaggancatg	ttattgatgc	cctgnnnnag	540
ggccnanacc	nagtttntctg	gccttnntan	cntanngatn	ttngaganaa	gtntcatttt	600
aacttttctn	tgnctatatn	ncaanggttt	tanntttngt	ngantgaaaa	agcgggcttc	660
atcccaagat	ggncgtgtgn	ggtcanagtt	ncattccena	gtngtnnncc	cttntggana	720
anttggctgg	ccccttgcac	tcattgacgg	ccttcncaat	tggtgctnna	nccccctttt	780
taatttcttt	aatcnaatnn	actttattac	ctttncctgg	ctctaantct	aatnntctca	840
tctncatctn	taatntctna	cactaccnan	nttttnntca	ntatccent	cnaacctnat	900
caaacttttt	ncg					913

<210> 4464
 <211> 1274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1274)
 <223> n = A,T,C or G

<400> 4464

tttttngggg	gggttttttn	nnnnnnnnnn	gggggnnttn	nnggggggcn	gnttttttnc	60
ttaaaaanagn	ngactggnnn	ngctgaaaaa	ctcgggcctt	ggggganann	gnccccccnc	120
gaaaaaacanc	agggaaaaaa	angggggggg	ctgggggggg	gggnnnnnan	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnggnnnnnn	nnngnnnggn	nnannngggn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnangn	ggnnnnnnng	300
nnnnnnngnn	nnnnnnnnnn	gnnnnnnnng	nnnnnnnnnn	nnnnnnnnan	cnnnnnnnnn	360
gnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngnnnnnn	nnnnannnnn	cnnnnnnnnn	420
nnnnnnnnnn	canaaggggn	nnnanncnnn	nnnnngnnnn	nnnnnnngnc	nnnnnnannn	480
ngnnnnnnann	nnnggnaaga	angnnncnna	cgagnnnnnn	gannnacgan	nnnngnnaan	540
cnnnnncnag	ngccgnatna	gancacgaat	ngngagagag	ancngannan	gnnggnnnnn	600
ggnaaangnn	ncgnaanga	annggnacca	gnngggannn	cnnnanngga	ngncnnnagn	660
nnnngnnggg	nnncnnnaac	ncnngggggn	nannanngna	nannnggnnc	tnnggggnnn	720
nnnnnnannn	nnnnnnnaann	nnnnnnnnnn	nnnnnnnnnn	cnnnggnnnn	gggnnanann	780
nnnnnnnnnn	nnnnnnnnann	nnnnnnannn	nnnannanng	nncannnnnn	gnnnnnncnn	840
nnnnnnnnag	gnnnnnnnnn	nannnnnnann	ngnnnnnnna	nnnnnnnnnn	nnannngggn	900
gnnananann	nnnnnnnnnn	nnnnnnnana	nggggggnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnann	nnnnncnncn	nnngnnnnnn	nannnnnnnn	ntncnnnnna	nccnnnnngn	1020
ngnnacaann	ncnctngnn	ggcnctnngna	ngnnncncaa	nannntnnnn	gnnnnnnnnn	1080

tngnngncaa	ananggggnan	annnantnnn	nnatgggngg	gggacnnaan	tnnccnccct	1140
nattcaanna	ntggnggaaa	aaactggngg	nnnaanantn	aaaccccaga	nnggcnnaaa	1200
ntcattcctt	accaaagg	ttangacctg	gnaancctng	tgggcnnana	aggtnctnaa	1260
acattcnttt	nanc					1274

<210> 4465

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1039)

<223> n = A,T,C or G

<400> 4465

atggnnnnnn	nnnnnnnttt	ttttggaaaa	aaannncccc	cccttttttt	ncctnaaaaa	60
attggggcnt	tttggggcaa	aaantttngg	ccctncttcn	tnctttgggn	tnttgnnnat	120
nccccnatt	cgggnathtt	nccggaaaat	ttccggggcc	naccgggagg	gggnattagg	180
cccttttnana	nagncccaaa	nggtntntta	cccaaagggn	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnngna	aatatnttct	tgggaacttg	360
aggntaaac	tggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcattc	tcgatttata	ttgcaagngt	ntcaaangtg	tactggnac	480
acaaatagaa	acactgccaa	cttggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcgatgacaa	ttttntgggt	atntattata	ctttgattcc	600
taaattagtn	catccttgaa	tctatgaaac	tgggtgcagtc	attatgcccn	naaatnntct	660
naaaatatat	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgacagcat	720
tnttacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaaagg	gatatgtaat	gctcataana	aatttggggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannnnnttc	tgattttgga	antnttccan	960
tnggntntaa	naacctnnnt	tatatatcna	anattagggg	cctttnaaaa	aaanncttat	1020
ttnnngctagn	aaacctnnc					1039

<210> 4466

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (931)

<223> n = A,T,C or G

<400> 4466

ggaagcgggg	gggtacgttt	tncaaaagg	ntttcaatng	cnggtgaacg	cccctaaana	60
nnnanccatc	ganacnaatt	cggcacnaag	ggcttccggn	taaaccantc	angggatatnc	120
cnatgnntaa	gncatcctng	gncngnntat	aacnggnccc	attcanctgt	nanatananc	180
ttcnanantt	ntcnacanng	gnnnanattt	tnnntctgca	atnnnnanagn	naacctnttt	240
nnnnchnnnt	aangaggcag	nnagctacct	ttgaangaac	tacttgnaaa	cntnntnttg	300
naattcaang	nnaancntc	ttntntcna	ntnnttant	gttgcnnnnn	netcaantcg	360
tatnnncatg	ngggctecca	tcacntnntt	acttataant	antngnttan	aaannntngn	420
cctantatag	gggnatnctt	nttnnnnann	nnntccntn	caaaccceaa	tctngnaang	480
aattnnccnt	ttctgnaatn	caattattna	angannaatn	gntnnnctan	tncattnann	540
nnctantant	ttcncnncnn	nnctntgnaa	ttcncnttat	accantaaa	tngetactnt	600

taatnaggat	tnanagtacc	cannttgcnt	ttnttncaca	antntaanen	ntgcattatn	660
taaaatcann	naagncgana	aattntnttc	naaccccnng	cnncaaanta	ccnattttcta	720
atanngaent	annngnnnnn	annnccctaa	nannatatac	nanatntntt	nccnnacant	780
ccnagagtag	aantccccct	nntcacacnn	ntctctanta	cncntnaatt	ttcnntacan	840
atataaanta	ntttntctna	ttaangnnnn	ntnnaaaant	ctancnaann	tanattancn	900
ancctctnan	ataatcnttt	ttnnngnatn	c			931

<210> 4467

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4467

cnaatncttg	gctactcgct	ctnttgcagg	atccnttttg	acgcntttgn	acgnccggtat	60
ncttcaacca	atgtctagtg	cacntatcct	ntntaacnca	naattctcaa	acccagnttt	120
acaacatttg	gtaggatnct	ataaagngct	aatcntattc	tggatnatga	cgaattttgc	180
atgctaantc	tttgnancnn	gtcncccccg	aagntgentt	acatgtacag	attcgtgtaa	240
ccacgtgtaa	ccacataaaa	ctnatgaaca	caaagtcctt	catgctacct	tctatgctta	300
cactcnance	aaacctaach	ctgccaacch	ctnntctccn	atcaggatca	ttcnctcann	360
tcatgaatnn	ganagaantn	aaattgtntt	tgcacatggt	atntataaat	tttatatnga	420
taagccatnt	gaatgcttat	ngatagagag	tctgtgagct	cntggcattt	ctggcactna	480
gcanattacn	cctaaggntt	atatgagtag	annaanagnt	gtattancat	nannttntac	540
caccatgnat	cngacccgat	gaaannnggt	natatntgag	agtngtgtac	aggatttnat	600
gtgnaaatte	gnatnnatct	ancgatgaga	natattgcac	tgtnttcccn	ggctntaacn	660
gccttggnat	naaanatgcc	ttgggaaaaa	tgttatcaaa	nnaacntnna	ncagcccnan	720
gggnaaaaac	cnnangaant	tcagaggcnt	cntngnacca	antntggagg	nnnaaaanac	780
cngggncncc	tgganantaa	ttcc				804

<210> 4468

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 4468

tantacntan	ctnanccntn	tggcntnagt	ccgtccncta	tgcgntgtng	cttaaattac	60
tgncgcgtta	aacgtcggac	tggaaacctg	cgtaccaact	aatcgccctn	agcaaaatcc	120
ccttttggca	gctggcggtg	aaancaaaaa	ggcccgaaac	gatcggcctt	tccaaacagt	180
tggcgcaacc	ctgaatgggc	gnaatnggaa	ccccccctgg	taagcngggc	ccaattaaac	240
cccgccgggg	gtgggtgggtg	gggttaacccc	gccaaccggg	ggaanccggg	ttacaacntt	300
gggccaagcg	gcccccttaa	accggccccc	ggctttccct	ttttcggcnt	ttttcntttt	360
cccccttttc	ccntttttct	ttcggcccca	accggttttc	ggcccccggg	gcnttttttt	420
cccccccggg	tcnnaaaggc	ccttcnttna	aaaaattccg	gggggggggc	cctttccccc	480
nttttttaaa	ggggggggtt	nccccgaaa	tttttnaaaa	ttgggccttt	ttttnaaccg	540
gggggnaanc	cccttttggn	aaanccccc	ccaaaaaaaa	aaaaaacttt	ttgggaaatt	600
taaagggggg	gtngggaaatn	gggggttttc	caaacgggtt	naaanngggg	ggggncceca	660
atctcggggc	cccccttggn	aataaagnaa	accggggggt	tttttttttc	ggcccccccn	720

tttttgggaa	ccggttttng	gggaagggttc	cccaaccggg	ttttcctttt	ttaaaaataa	780
aggnggggga	acttcctttt	gggttttccc	naaaaacctn	ggggaaaacn	aaaacaacct	840
tttaaaaacc	cccttaattn	tttcnggggn	cctnaatttn	cnttttttgg	gaatttttnaa	900
tnaaangggg	gaattttttt	ggccccgaan	ttttccgggn	cccttaattn	ggggnttaaa	960
aaaaaaaaatg	gaaagcctgg	aanttttnaa	accaaaaaaa	aattttttaaa	ccgccgnaaa	1020
ntttttnaac	cnaaaaaata	nttttaaacg	gcctttnaac	naaaattttt	cccttggaag	1080
ggccngggggg	gnaaaaaaa	aatttttttt	tttttt			1116

<210> 4469

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4469

aatncnaget	ctcgntcttt	ttgcggtatcc	catcgattcg	ctagtctcgag	tttttttttt	60
tttttttttt	catgaaaata	tagtcatcaa	atztattttc	attgggatgc	cattttttga	120
agaattccta	agactaatgt	ttcttgacat	gcaagagtta	gcattaatag	cttacgttac	180
tataaatact	gctgcttgga	agcagtacaa	ctgttttaga	gttttaagac	tacagacttt	240
cattactcaa	atcttattca	gtaaatgtaa	aaatcagaag	gttctgaaca	gctggttagg	300
aaggtagcca	agatgcagga	aagatgtctg	cgctctcttt	tcaagggcag	ccaactnttg	360
aacagtaggt	gcccaaaaata	tccacatggc	ctttatagct	ttcaccacca	gcagcccttt	420
tntgaccgta	ggtaactttc	ccatcaaat	catccactgg	tacctttata	tccggntnaa	480
cctgagaaat	ggtnacgttc	aggngttctt	ctatctcaga	tagtaactgc	atctcgttgt	540
accatatggt	caagcctcat	cttccttgag	tcttggggta	taacaccctt	ttccacggnt	600
gctacataca	tggnacnnaa	ccataaggaa	caccnggat	atcaattcct	ntagcagntc	660
atctgngcaa	atcaagaatc	tttacatctc	cttcttaaan	cttttccaag	tttgcctttc	720
tctcatgggc	cattggaaat	ttctcaaaat	aatgaccagg	ttttct		766

<210> 4470

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 4470

annnnnnnnn	annnnnngnn	ggngnnnnna	nnnnnnnnng	aannnnnnnn	nnnnnnnnann	60
annnangggg	gnnnaacnnn	nnnnannnnn	nnnnagnttg	aattcctaaa	gccaaaccnc	120
nnntttggca	ggaagcannc	agnccngggg	tccgcaacgc	nggnaagngg	acagnnngga	180
aaanaaatnt	ttngcagaca	aggatgtcaa	ggngngnggc	ggnggnataa	cacneggcaa	240
gtgggacagc	nttgaacaan	aacnagnagn	cgncnggaac	ngcctaaccg	gagccnanng	300
ctcgaanaag	gaaataagga	agccacangg	nangcagacc	tactganac	atgaaccag	360
cgcanagggt	gcggancngc	ncnaaangac	nagagaggca	nangnaaaaa	anncatnaat	420
gccngncnng	agaatgaana	acagcgctac	aacaggcatg	nggatatggg	aaacaacnan	480
tggggacnag	anacnnaggg	aangnacggg	annaaaaaag	ggggggantt	naanncnccg	540
angggaggng	cgagnacnca	ntggaaagaa	aggggaagaca	ntncacggaa	ancnganctg	600
acaaangatg	aatangnggc	cacagggagg	aagggaactg	gcctgagagg	gaanaaancg	660
gnacnnaang	aanggaaccc	agggccaagg	gcaccaanaa	gaaaaaancc	ccngaaaaaa	720

aganggggna ntatgngcct	ggggggggna aaagcccacc	aanttaaagg canaaaaggg	780
gggggnaaaa acnctggmnt	nncaanacan aagggggggc	ccncccgggg ggggggnccc	840
ncgaaaanaa aaacnggggg	ggggnttnan gngggngggg	nnncnaccen ncccngaaa	900
aaggggggca aaaaaaaaaac	cccccn		926

<210> 4471

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 4471

acaccttggg tgcnngcacc	gcatnanaac ccantcccac	cacannncan gagcnngtng	60
nnnctnttg gagngggcnn	agngatgncc cgaatccgtg	ggctactagg gagccctcac	120
ttgggctacn ggggtggaggc	ccatgatatt gnggcctcaa	agatgttatg attcacctcc	180
atcaannccc ngaantgaat	aattcttcct atcanttaat	nanggtgatt acccagnaga	240
atgccattnc ggtntgcntt	ggtatttnac aaaaagaanc	tgggggaacc acttgggtgt	300
gacattttat ggggttnaaaa	taatgatctg gnaaattgcc	ccggatccnc catgggggaa	360
tgatagatcg acaaggtcta	cttcatgggtg ggagatatga	ttaaangaag ncnatggcca	420
ttgnggttng gaaataatcc	ananggantt ncanccaatt	actgnaaaaa aanttnnttg	480
gaagngnca cccctaaaaa	tctntcccag ttnttagagn	ataccntta cttccttaaa	540
naagggattt gttgaaanng	ncanttttnc aaatntaatn	ccaaacanag gncnaccctt	600
aatnacntn gccaaagnag	cnngttttgn ngatttttcc	caaaaggagg naanattcct	660
ttcngnntt tggcgaaact	gtagnanaat tcccnntttt	gnggtgggag gnnnttagcc	720
cnnttctaaa aaaanggang	ngaacccctt tgtgntttcn	tattccagag cccgctnttc	780
ctcngtaaan aananaaata	aangnccant tnttttatnn	anagaaattg ggncccaatc	840
ttanggacnc tttttgtggg	aancttatna ttcccnaca	tacacaaaaa aaacancctc	900
nccgnccctt ttnnnaactt	tncc		924

<210> 4472

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(902)

<223> n = A,T,C or G

<400> 4472

ttcagaagaa cgcacagatg	aaatgacaca taaagaaaca	aatgagcang aagaaagatt	60
gctcgccag cttcttcact	aaatcatccc gcagcagcag	ggactcggtc tagcaaggcc	120
atcttggtgc cggacctttc	tgaaccaaac aatgagcctt	tattttctcc agcgtcagaa	180
gttccaagga aagcaaaagc	ttaaaaaata gaggttcctg	cncagctgaa agaattagtt	240
tcggatttat cttctcagtt	tgtcatctca cctcctgctt	taaggagcag acaaaaaaac	300
acatncaata agaacaagct	tgaagatgaa ctgaaagatg	atgcacaatc agtagaaact	360
ctgggaaagc caaaagcgaa	acgaatcagg acgtcaaaaa	caaaacaagc aagcnaaaac	420
acagaaaaag aaagtgcctg	gtcacctnct cccatagaaa	ttcggctgat tcccccttg	480
gctagcccag cttgacggag	tcaaagagca aaccagaaaa	aactacngaa gtgacagggg	540
acaggtcttt ggganggacc	agaaagaaac tgtntttctt	ttnccaaagc anaattttac	600
gccaaaanaa aatgcttggt	antttttttg ggggaagattt	ttaatgtacc cccttntttg	660
gtaaaggtca ntcaaaaaat	aggtggnggg gattanttna	aaataatntt aanttttggg	720

```

naagnaaaaa ataanttttn tttttnaaan ttntttgggt aaaaattttt ttntgggttaa 780
aacaagaaag gggcttttca anttaagggt aaaggtnaac cttcccntnt tgggngngng 840
aattgggttt caaattcccn cgggccaaaa nnnttcctta ntttttaata ttttaaanac 900
tt 902

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<210> 4473

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (816)

<223> n = A,T,C or G

<400> 4473

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gnnnnntttc naatnccttt cctaatacna gctctcggtc tttttgcagg atcccatcga 60
ttcgaattcg gcacgaggac ttctgaagaa catgaagcaa gcagaagggt gaaagcggag 120
ctgctgggtc agatggatgg tgttggaggt acttctgaaa atgatgaccc ttccaaaatg 180
ggtatgggtc tggcagctct aattttccct gggatataga tgaggcttta agacgacgcc 240
ttgagaaacg aatctatatt cctttgccgt cagcaaaagg cagggaggag ctattaccaa 300
taagtctacg tgagttggaa ttggctgatg atgttgacct tgcaagtttn tcagaaaaca 360
tggaagggtt ttcaaggncg ggcatttcca acgtgtgcag ggatgccttc cttgatggca 420
atganaaagc ncnttgaang ttttgactnc caggaaatcc naaatctttt cnaagaagaa 480
atgcncatgc ctacaactat ggaggatttc nagatggctt tnaaaaaggg ttctaagtca 540
gtgtctgctt gcagacattt gaaaagatnc cagaaatgga tatttgagtt tggatcatgc 600
taaattctcc atgtnaactg tgagaaatgt gcccttaagt ggtttgaata ttaaatgccc 660
gtaattcatt ggactggagt gcttatattt ttttttaact ttcattaatg gtaagaattt 720
tttttaaaaa aaanccctta tgaattcttg naataaaagg ccaatatttt ttnaagcctg 780
gaaaaaaaaa aagccctntt agaaactntt tgtgga 816

```

<210> 4474

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (878)

<223> n = A,T,C or G

<400> 4474

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ttcctaattc ttggttctcg natctctgca ggatcccttc gattcgaatt cggcacgagg 60
ggggaaaaatg acagaggaaa aagagaaant ggancagana aaaatagtgg aagaaatnat 120
agctaaaaaa ttcagaattc agtgacangt agaaatttac agatatcnga tcatatgctc 180
aagaaacacc aatgngaata aatatttann antcccacgc tggttcttgc aaactttttg 240
aaaaccaann ttgaanagca aatnttgnaa gcacatgata aaagccatnc cnnnaatnat 300
ccagttaatt ggcttgactt cttactggaa accctttnnn accanaaacg gncttggaat 360
aaacnttttc aaggggttctt ntaaagaana attcgnaaaa ntnttaaccc ccaatttttt 420
ttttttttta nntgaaagac nccnctnttg ttncccagggt tggmagtttc ccnttccgnt 480
gcccnnccct tangnnaact tttttggagg ggganactcn tntgactttt nnnccnnggg 540
ntnnnccttt nnttnccctng cccnntttcn tntttttgac ntnttntgn gcnntncang 600
gcnttnaann ccnntgaccc ccttcnaant ncatngnggg gaaacngggg ntaannggca 660
tangctcttt tatttaagaa agcaccnncn naatccccct aaacttttct tnaattnacc 720
cttttnggga cccctctagg ncngetttnn tgntttaccn ngntccncca aanttnacna 780
cttggnaaac nntnttgnaa ntccnggggg aatataggna cctttggaat ttttaaannc 840

```

ancctnantt ggcnngccct ttgggccttt anaaanct

878

<210> 4475

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4475

gngnntntat	agcangctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtcaaggct	cagtcgccag	catttcccaa	cacaaagatt	ctgaccttaa	atgcaaccat	120
ttgaaacccc	tgtaggcttc	aggtgaaact	ccagatgcca	caatggagct	ctgctcccct	180
aaagcctcaa	aacaaaggcc	taattctatg	cctgtcttaa	ttttctttca	cttaagttag	240
ttccactgag	accccaggct	gttaggggtt	attgggtgtaa	ggctcttcat	attttaacaa	300
gaggatatcg	gcatttggtt	ctttctctga	ggacaagaga	aaaaagccag	gttccacaga	360
ggacacagag	aagggttggg	tgctctcctg	gggttctttt	tgccaaactt	ccccacgtta	420
aagggtgaaca	ttggttcttt	catttgcttt	ggaagtttta	atctctaaca	gtggacaaag	480
ttaccagtgc	cttaaaactct	gttacacttt	ttggaagtga	aaactttgta	gtatgatagg	540
ttattttgat	gtaaagatgt	tctggatacc	attatatgtt	ccccctgttt	caaangctca	600
gattgtaata	tgtaaattgt	atgtcattcg	ctactatgat	ttaatttgaa	atatggnctt	660
ttggttatga	aaacttttgc	agcacacttg	aaaagctgnc	tgtggatcat	tgng	714

<210> 4476

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4476

ggttcancga	atgcctgtgg	aanccgccct	tctctncagn	agcccntcga	tncgtnntga	60
actatcaact	agatcnggga	agatagaaca	ggcntttttt	ncatngcctc	gttnacaaag	120
ngtcatcacg	aaaagtgttc	ctctaggaag	gcataatatg	tgccnggatg	gatgtgatga	180
gtagattgta	aaagggttgg	gattctggca	gaacangaan	agatnactna	attattggaa	240
tcaactgaga	aaagagnnca	ttagcatgcn	ggctaataga	ccctaataana	acnggggtgtg	300
aaaagatggg	atctggacct	agaggcagtc	ttagagccat	aatnctngat	ttctncttnn	360
ngngaaagcg	acagggtactt	ntggngctgag	gccataaatc	agntntatcc	taaatggaaa	420
actatatncc	actgggggatg	gtaatcacc	ttngataaag	aaagggtaga	anccacaatc	480
ttcaacagaa	atggaactta	tcaatntaat	tnaagaatcc	tcaacagtac	anttttaagg	540
nnatggaacc	ccctgtgnna	ancccgngtt	ccnactgcca	nngcctnanc	aatcctatta	600
tnactgatta	gcnnnganaaa	agaangcngc	ancccnttnc	naattttttn	tttanccnncn	660
ggnantnccc	ntgaaaggta	ancccttnt	naaaggggga	aattcnaccn	nanggagcgn	720
nnnnggcnnng	gngaaattnn	ccttgaaccc	ccnaggcan	aaangttgct	tnttancccc	780
agance						786

<210> 4477

<211> 723

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 4477
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 ggaagctccg agtacctgcg tgccctcttt gtctacgaga aggggggctcg ggtgcttctg 120
 gttccagaca ataccttccc cttgggctat tacctcatcc ctttcacagg gattgtggga 180
 ctgctggttt tggccatggg agcagtaatg atagctcggt gtatccagca ccggaaacgg 240
 ctccagcggg atcgacttac caaagagcaa ctgaaacaga ttcctacaca tgactatcag 300
 aagggagacc agtatgatgt ctgtgccatt tgccctggatg aatatgagga tggggacaag 360
 ctgcgggtac tcccctgtgc tcatgcctac cacagccgct gcgtggaccc ctgctcactc 420
 agacccgga gacctgcccc atttgcaagc agcctgttca tcggggtcct ggggacgaag 480
 accaagagga agaaactcaa gggcaagagg aggggtgatga aggggagcca agggaccacc 540
 cttgctcaaa aaggacccca cttttgggtt ctagccccac tctttccacc ttctttgggt 600
 cttttagccc cagctnccct ttggtttttc ctggggcctt tnaacagatc cccactgtc 660
 cccttccttt tncctgtaa tccctggncta ataaccccc acaacttaca cctttggggg 720
 acc 723

<210> 4478
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4478
 naatagcagc tcttggttctt tttgcggatc cctcgattcg aattcggcac gaggctgtcc 60
 actccagttg cccttggtta agtttagcct aacacacagg gttttgaccc atagttctaa 120
 aatacacaaa ttttgagact acagcacttc tttggaaaga ggaagaatgc aaagtgcagt 180
 atttcaatac tttgtatttt acttgaaatt acccttagta gcatcttttt tttcctgtct 240
 gaaagctttt gtgtggatga gaaggacat ttcatttctt cccttaacaa agtgtcattc 300
 tgaggttctc atgtgtgttt ttggaaatag agatactggt tttgtagagt ttgcctttgg 360
 gtatgtnttc tttttttctt aaatctccaa ggaagagaac tgactaaaat agtaggaaca 420
 tgaaagtatt aaatgccaat taatttggtg tagtaaagta tcttcattag cgttatactc 480
 catcatatct ggtgtaaaact gctcacagaa aaccctatga aaccaaaggg ggaccattca 540
 ggtctaaaaa gcgacaggtc ccgagactgg gtctgtcacc tgggcatttt caaagaggac 600
 attttggaag aatttgcata ttcagatttt taaaatggac ttaacatact tcattacaga 660
 attcttgggt agggangatg ggataggcca nggatggat ggaatcagtc tgccctgggaa 720
 cttaatnccg aatcatttan ccttctggat taacccttgg ncng 764

<210> 4479
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4479

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gaggaaatca gtacgctgag gggccaagtg ggaggccagg tcaagtgtgg aggtggattc      60
cgctccgggc accgatctcg ccaagatcct gagtgcacat cgaagccaat atgagggtcat      120
ggccgagcag aaccggaagg atgctgaagc ctggttcacc agccggactg aagaattgaa      180
ccgggaggtc gctggccaca cggagcagct ccagatgagc aggtccgagg ttactgacct      240
gcggcgcacc cttcagggtc ttgagattga gctgcagtca cagctgagca tgaaagctgc      300
cttgggaagac aacttggcag aaacggaggc gcgctttgga gcccagctgg cgcataatcca      360
ggcgctgac agcggtattg aagcccactg ggcgatgtgc gagctgatag tgagcggcag      420
aatcaggagt accagcggct catggacatc aagtcgcggc tggagcagga gattgccacc      480
taccgcacct gctcgaggga caggaagatc actacaacaa tttgtctgcc tncaagggtcc      540
tcttgaggca gcangctctg gggcttnttg ctgtcctttt ggagggtgtc ttcttgggta      600
naagggatgg ggaaaggaaa gggaccctta cccccggnt ntttttcttg accttgccaa      660
ttaaaaaatt tttggtncca agggaaaaaaa aaaaaaaaaa aaaactccan ncctnttaaa      720
actattagtg aggtcgtatt accttgggaat ccnganattg ataagaatcn nttgatgant      780
tttgggncaa accnccaatt tnaatgcccn ggaaaaaaaa tgctttnttt gggnaa      836

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<210> 4480

<211> 1174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1174)

<223> n = A,T,C or G

<400> 4480

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tttttttccc tttnaaaaaa antttggggc cccntttttt ntttttcctt naaaaanttt      60
nggggncccc tttttttttt nnttnnnntg ggnctatng ggnaaattcc cccccnaat      120
tcctgttaat tttttccggg cccgggaaaa aaggtttccn ttttcngggg gtttcccccc      180
ncgggcncaa cntttccggg tttttccntt tcgggaaatt tcctttccgg ggggttncg      240
ggaaaccccn ttttncccaa aaaggttttc cccaagnaa attccccggg caaacccgna      300
aaaanggggt tccccnaaaa ggntttcccc aaaagggttc ccccttttng gnttncgggg      360
ggttcctttt nccaaagaaa tcctttcngg tttttccgn cnggggggttc ccaaaggggt      420
tcncccnngg gttcttttgg ggtnccaaag ggnaagttcc cttttccccc aaagtgggtc      480
ccaaaaagaa aggggggaaat cncnaantcc aaagnngtcg ccgatcgaag agtncccca      540
agtctcctga agaggaagga gcggtgtcct cttagaaaaa tgatgtatcg gcaagcagt      600
taaacggagg acttggggaa aaaggaccac atagtcctac gaagaagagt ncttgggaca      660
agcaactggc tattgaaaag gttattttgt aacatttgtc taacttttta cttgtttaag      720
cttttgccn agttggcaaa cttcatttta tgtgccattt tgttgctggg attcaaat      780
cttgtaattt agtgagggtg aacgactttt agatttcatt attggatttg gatatttgag      840
ggtaaaaaatt tcatttttgg atatatgtgt gacttttttt gtttgaaatt naaacangaa      900
ttgggttaacc taaattttgt ngggnccttc tggacttttt naagggaaaa acgttggttg      960
ccaggncctt ttctacaacn aggcntaaa angctgttc aaagaagatt ttggacntcn      1020
ggggantttg gncnttttaa ntttcctttt aaaaatttaa aaaaaccctt tccaaaaaag      1080
tttnggtggg taaaaatttg gngatattgg gggttantttt tacccttttc ntnaatcttt      1140
taaaatnngg ggtaattttt gggaaccccc aacn      1174

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<210> 4481

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4481

nctnacacng	nncagatngc	accaccttat	ggnactncac	acatntngng	nntaattgcc	60
tnnaatttgn	nnaangggat	ngcctagtgn	tncntgncn	cagaagggaa	agtggmntan	120
atagaaaang	acancnngg	ctatatacac	ttaannnggt	natagaannn	ggctactgaa	180
gtcnngact	tntannattn	aaancctaaa	tcacttnttg	tnggacgggt	ttcatntacc	240
tgccanatat	acagcccann	accnatngnt	ggngtgaggn	atnnntgtgc	cgggnttctn	300
tntnanttct	aacaccnna	gttgccataa	anntactccg	gnntattttg	nntgctcnca	360
aacttgattt	tttttttctt	aaccaccgct	tganttagtg	gtcctcnatt	nnggntnnag	420
aaggatnccc	acntgaaagg	ngatnaactg	gtcgnnccan	aacanttggt	tggntctctg	480
tcacttttca	agnccatnta	gtttncntaan	anccgcgggg	tattccnctt	tccnngccta	540
ttttttttnc	cntganaaca	ttcngtnant	ttanaatcng	ggggaangac	cccctttnaa	600
naaactgngc	ccctaantgt	tggtttncac	ttncncggac	gnnttntttt	ccaaaaaagn	660
ttgctttccc	cncnttccan	aaaggaacna	attnttctta	aanaancctc	tnntcncctc	720
ggggaagaag	gcccagngc	ctttgggaaa	ccncaagggg	gacccccnnc	cntggacaac	780
tnannaacnn	nttcnngng	cccaaaccct	ttnanttggc	ntnncccngg	tccttanaac	840
ananaaangg	gcggnantnt					860

<210> 4482

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4482

ntttccaaaa	tagcttgggn	aaactccnag	agcnatttag	nganactttg	aaancctttg	60
gaaannccna	annattnnaa	aanaaacng	nnannntttt	nncaganaan	nnancanaaa	120
nnnnacnngg	ggttttttct	aaanaacn	cnangataca	aatgagaaga	naatnnaaaa	180
aaaaagannn	nnntnannaa	ttnnatnaaa	nacngagtgn	aanngaaacg	cnnnaaaaaa	240
aaaacanata	ttaaanaaan	ttannnnaaa	naagnnnaaa	annacacatn	ntcnaaaanc	300
nananantnn	aancnanana	nntntatatc	anctanntna	ntannnaaac	ntatnatnaa	360
ntntanata	ncnanatgna	nnaaacagna	acnnatannn	nnaanaatgn	atatgtntta	420
acnatataan	tntnttagan	aganatgata	nntntaaatn	nnnnactata	tanataagaa	480
tatatnacag	agcncctnca	canatgatac	actganncna	tnntanantc	aanngtggac	540
tntnnganta	taananggan	nacanactag	acnatnnntn	gaaaaganaa	atngnggana	600
canannagnt	tacganatna	nanacagn	natanncnan	ntntgtcana	natanatagt	660
ancnancaaa	gaanatggan	nnnacgacan	ntnccgtaca	tcnagacgnt	cttactatac	720
atacnagagn	gagancacnn	ncnacactnt	gcntnnnaac	atntgtanna	nntanatana	780
tanaatacac	acnagccnnc	atatattaca	cgnagantga	gnnncctacg	tanantatat	840
atanncatcn	ngaananatn	tnacangtat	acnccgtanac	ntacagagtc	atnacacgta	900
antctagtna	tctnttnang	aacantntta	anangatatn	attnnaaang	atatnagant	960
ctacgtangc	gcgnaantna	atntacacat	cnanatatag	acnanacgtg	atntnanana	1020
tganatacta	tganaacnnn	tcnnaacact	nacatatnta	tanaaataca	taagagtana	1080
catncacaan	cacatacaga	gananaanna	cacanaanan	atacataatn	aananantca	1140
tgantanact	taatcacgna	aaanttanna	agcnattnaa	cganngaaca	ngntacntat	1200
acggntanaa	tacncataaa	ntancancta	nanaannaaa	gnnnnntnn	cacanannac	1260
tnaancatga	cgatanataa	cangnatctc	aatantnaga	cntatgaaca	aaantagacg	1320
aanagtaata	tatatcnnta	gatnantana	nnaacgagac	cactgaacnt	ntnnanatat	1380
ntaanacatn	aactacaata	ncacacc				1407

<210> 4483

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4483

gcgacgcgcc	ganggnaaaa	ccccnaggcg	gannncaagg	acgcggagnc	ggcacgaggn	60
gagagagatc	angccgcacg	ggccncttna	nnnnccccc	cgncgnaann	cagcaggcgg	120
gnccagtgtg	cnetgcatcc	ncacccngga	ggccgcacgac	actatcannc	ccacnnatag	180
gnngaggaga	cagaggcaca	gagcgcccaa	agccccacag	cnggcgagcg	gcagggcnag	240
cgagcgangn	ccactagacn	ggngacagac	gcagaagccg	cgcannncac	ccccgggaac	300
nggaagacaa	cncngacga	gcgagaccca	ggagaacgca	cagcnagcc	agaaaangnc	360
nngcaaccgc	anacangcan	cngacagaaa	ngcgacngcc	cacggaaaaa	gcgagcaacg	420
gaacnaagag	accaacnagc	ngccgggggc	aagggaancg	ggcancnngg	cgncanacna	480
agaccgaanc	gggaagccgg	acccaacccc	aaaacggcca	aaggggacan	accacaaaca	540
gggnanccca	aaaacaccaa	anncnannca	caanccgaag	gaaaaggccg	aaaccaaggc	600
ccgaggncan	ggngagcacc	aacngaagcc	aaaccgggnc	aganncaaac	ccgnaancac	660
ccaggaggca	ncaggccggc	cccnggggga	nccaggcaag	gnnccccggg	aaaancccca	720
gnnccnngcc	cccnggnncc	angggggaaa	ccccg			755

<210> 4484

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1273)

<223> n = A,T,C or G

<400> 4484

anggnnnnnn	nnnnnnnnnn	nnagttnnnn	nnnnnnnnnt	tttttncccn	aaaaaaattn	60
gggccctttn	nttttccaaa	aaaatggggc	cctttttggg	ggncaaattt	ttttncagan	120
nnncnnnang	ttttttggaa	aaannccccc	ttttttgggg	naaaacnnnn	nnnggnnnnn	180
nnnnnnnnnn	nnnangnnng	gggnnnnana	nnnnngnnnn	nnanggggnn	nnnattnntt	240
ngnannnggn	nnnnntnnna	ngngnnnnnn	tnnnanannn	tnnnnnngnn	nnnnngggng	300
nnntttnnt	nnangggngg	ggnannnnng	nanannnnnn	ggnnggggnn	nnnnngnngg	360
ggannnnnan	atannnnnan	nnngnnnnnn	nnnanntnnn	ngaattggna	annnnnnnta	420
aggggnaacn	nnngngcnna	aaannannan	gaggggagga	angnacngaa	ancnnagagg	480
tanngaanaa	aatcgcacgg	gaacntggga	aacnaaaana	tcnannnctt	aacnaanatn	540
taaagnaaca	naaagcnngg	nancannngn	tgnnctgtta	gnagatctcn	ngnaacaatt	600
tntaaangga	tnaaatctnn	angnaagagn	agctnnga	ngnanangaa	aangaannnn	660
naaacngang	annacanata	aacnaagngn	aaggttnctg	gantanaaga	ggatnaagaa	720
cgtngaaanc	annaancana	nanaactnga	tgcccanctg	agnttnnaac	nnattatnnc	780
aangaaaant	gncntacatc	anattgggaa	natctaagcn	tcanaaaana	attnnagnan	840
agnatncctn	ngtatanaaa	ctnngatnct	nngnacgaag	ctataanaat	aannnggaann	900
nnncataann	gnannaanna	aataatntat	nntggttnng	gncntatann	taagnaangg	960
catacaagat	natataagan	aagntactat	naanatncnt	ngggaagnga	ntcnacacac	1020
tantntntnc	ccnntggang	nnatnagatn	anncnanttn	ngnntancnc	nnctgtcatn	1080
ntnaaagaaa	ngttnanaca	ganatcctcg	atanananaa	agncaaagac	anaggnanna	1140
caaacttngc	nnannncaaa	ngtcacttcg	tantnnacat	ngnaatanca	natnatnnnn	1200
anacnncgna	angcacaaaa	ngtananana	catnnataaa	aanntngnat	gntcgacngn	1260
agaangctcc	ncn					1273

<210> 4485
 <211> 1240
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1240)
 <223> n = A,T,C or G

<400> 4485

agggnnnnnnnn	nnnnnnnnnnnn	nnngagggtn	gnnnnnnnnnn	nnnnnnnnnn	ncccnaaaaa	60
aantgggncc	ccctttnnnn	tgccaaaaaa	aaatngcccc	cnttttgggg	gcnaaaanat	120
cngggcccaa	ancccccaan	gcnnntttann	aanccggngg	gnttttcccc	tngggtnngg	180
ccccagggna	aaannggaaa	aaaggtntna	aaaaaaaatn	acctntgggc	ctttaaaagg	240
gaaaaaagg	gggggnaggg	ggggggnggt	tgggggggga	aagggggggg	ngggtnang	300
gggaagggaa	gggggnaaag	gggggnaggg	gggaaaaacn	gnnnnnnnnng	ncgggggaaa	360
naangcnnnn	cnannnnnnnn	aaannnnnnnc	nnnnncnnccc	nnnnnnnncca	nnnnnnnnnag	420
agccncnggn	nnnnnnanaaa	cacannnnnag	gccgcccnng	nnacgnaagg	ggccngggca	480
ngaaaaaanga	aaacagcnan	ncannncnt	gantgcatnc	cgactgaaa	gganggncaa	540
acacnggang	aggnnnnnnt	ccnaagannc	aagggcaa	naaggacct	gggnncnntn	600
ggacacntaa	agaaantgna	ncggatgnet	nccanattgac	agagangact	gggnngcang	660
gggnatgatn	aaaagtaacc	canngaagaa	acnggnnnna	nnacngata	anncgntngc	720
aanctngana	acggcngaac	cnnnnncacn	agcannnnnc	ncnangcana	anaancnata	780
ngaaaanngg	gnnttanagg	gggggntncn	cacanaaaan	ggacntatgn	ganagcnggn	840
caccanannc	naaancnaaa	nggggggnant	gaacnatang	ggggcngggn	nnanaggggc	900
nanngngnan	canatanann	ccntngnggg	ggcnagtaan	anancngga	gcncggncan	960
ccanaaaannn	ccgccanaaa	ccaggcannc	aannnnccnn	gngannnncca	gccnatnnca	1020
nganggantn	aaanaggnan	cgngcaaaga	gccnacgana	gcaannngna	cnatnnantc	1080
anngaaacgg	cnnaaacnnn	agagncgaat	cancgacacg	ggcaaacant	naatagacaa	1140
ncacaannca	ngtnngngag	aagtaacncc	ggctncatnc	aaaacnnccn	cgcntaccca	1200
aanngnacnt	ccannnnnnnn	aanaaanacn	gtgcncgacc			1240

<210> 4486
 <211> 1444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1444)
 <223> n = A,T,C or G

<400> 4486

nnanaanana	ntaantnant	nanannannn	nganaannna	nnaannnnnn	annncnnnnnn	60
annnnnaaan	naannatnnn	anganannan	aaaananata	aanannaann	anaanaaang	120
anannnnann	nagangnnan	nnaaannatc	naannannna	nngannaagn	nannnnncna	180
tannaagagn	aaggggnatn	annaaagggg	gagcnnaaan	angnganngn	ggaanatngg	240
angnannnnn	tnaaaannnn	ananananan	ggggagagtt	cctaaaggtt	gggnaaaaac	300
ncacnnncna	aaaaaagacg	agnaattggc	antggannaa	aactatcact	aangnnacca	360
nnncacaant	nannggtnn	caacactaan	nnantnnnnn	tnctangnga	nganattaa	420
cnntnnnnnn	nttnnnaatc	tancatcn	cantanntan	cnnnatnaan	ntcnnancta	480
ancannnnnn	nnagannnnn	attgaaaaat	tanaatatnc	acnatancaa	annaacancn	540
antaatnnna	naannnaann	naagananng	ccaancatcn	anagncnana	annacaatcg	600
naacntaanc	ancnattant	tatntnncaa	anganattaa	nnacnngctn	tatntaaaac	660
tacatantct	naanncnaat	antatntaat	nnatntanac	acanatcana	gnagnaaaaa	720

nagntaanaa	acntctnnga	ctantaanat	atctaactnc	acaaaagata	aatcannac	780
gtatacgant	tatnganann	actcnacaaa	ntctatnann	aaangnntca	canagtancn	840
tnaanaanan	tnnaacatna	gagcatngcc	acaangtata	nnaatataaa	ntagtancac	900
antatnnctc	annnaacata	tnnatanngn	tatnntggag	ctanannagt	ctnannnnan	960
agacacatnn	ncanaatann	tatatnnaaa	nanaacaata	ngtncntgat	nnannncnac	1020
ncacncacan	atacantnca	tnaanacatt	nacacaannt	annanaatca	canctaacat	1080
ctcatnnata	cnannntcct	tcacatannn	tcnnactatn	tantcactnn	aaaaacataa	1140
nannanggac	aactnnacnc	nctaattntac	canatnnncat	anangatana	tagancnana	1200
acaaanatta	gaantanata	naaaattttaa	acgantcata	naaatattnn	aannanacac	1260
atancncanc	aatannaact	acnattanat	catnacanaa	ntantcgacc	ataaananac	1320
ataaatanta	tnannaanat	nanntaagg	ccanncanat	taaatcacat	atatntatat	1380
anatnanaat	gncagaagat	atananncna	taactaaaan	tanacatnta	atantcncta	1440
tnng						1444

<210> 4487

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1390)

<223> n = A,T,C or G

<400> 4487

ggnnnnnnnn	nnnnnnngna	nggtttnnnn	nnnnccctt	tttttttgcc	naaaaaaaaa	60
ttngccccc	ttttnttg	cctaaaaaaa	ttgggncct	ttttggggn	aaaantttt	120
ttcccgnnnn	gnnnnaaann	tttttttnna	aannnnnnnn	tttttnnnnn	nnnnnnnnnn	180
agggnnnnng	ncnnnnnnnc	ttnnnnnnnn	nnnnntnnnn	nnnnnnnnnn	ntgggnnat	240
tttttttttn	nnnnngncta	tnggnnnngna	nannnnnnnn	nnnnnnnann	nnnnnnnnng	300
ggggganant	ntntattnta	nnnngnannn	tnnnngagg	nnnnnnnnta	ntnggnngnc	360
ganngnnnnng	atnaannntg	gcnnngnnng	nnnnanatat	nanatnannt	nngncannna	420
atnnngnnnn	nnnnnannag	ggggggcgcc	annnacaanc	anttaagcta	anaaattnct	480
antnanntgc	tgaantgaan	gaacatncan	annttaacan	nnctgnangg	ctanntgaag	540
ncaanatggc	ttcaannaan	gcntnntang	gacttanggn	tacnggntat	naggnacctn	600
cttanntnnt	nctaaccnta	tctngaacgg	nctncacctc	nnaaattgna	ctantatnnt	660
aaaaannatc	atnatnanat	ntnngganaa	ngctgtcaaa	aantnnnnna	ancnnnnngg	720
anannngtat	ctanntnnac	ntggaatgnc	ntaaacctat	aaaaaannan	gnnataaaan	780
ntcaacnnan	annnanacnt	aaatntanac	cntntaaagc	ncntanacnn	atttcgagnn	840
cctngacaat	anttttaann	tcatacaaat	gtgnngggan	antncntata	cacnggggta	900
nantgnacnn	nnnatcttgn	ggtanaagnn	tnctanagcg	ntatntnttt	agnggnnaan	960
atantntntn	gaggtatcat	gagnntaact	ctcnnatnna	ntcgatnta	cctcacgtng	1020
tgtgnatatn	mntncantnn	atctctanat	ncntatanat	atcgcanaan	atntacanca	1080
cnnnngtnaa	tatantnnnt	annntntacn	ggantngagc	tctacagatg	ttntcganna	1140
anatttttang	anaaaaaatag	gtacanatan	ntgnggggnac	tnataaaacn	nganggnnnn	1200
tnnttttnnaa	aaggnnnnnac	agnactttcn	atnaatagga	tataactcca	ngagcnactt	1260
tancccanag	atcatntcat	acgncgngna	annnnnncta	ncataagnct	nttgagccna	1320
tacnngctnt	atancnacan	gnatannnca	tnnggaaagn	actctatnan	gatnnanann	1380
cgncnacan						1390

<210> 4488

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (960)
 <223> n = A,T,C or G

<400> 4488

ttctaattngc	trngctctcgc	tctcttggag	gntccctcga	ttcgaattcg	gcacgaggct	60
cgtgggaggc	tgaggcagga	gaatctcttg	aacctaggag	gcagatnttg	cagtgcagcca	120
agattgtgcc	agcctgggcg	acaggggtgag	gctcttgtct	caaaaaaaaaa	agtccacatc	180
ttcatgaacc	ctnagactct	ggagttgggg	tgtcggcttt	tttagcccag	cttttgtggg	240
aattgccttt	tgacctatta	aagaangaaa	gtggggtaat	gggagtncca	gccactcaag	300
agactnggat	atcccccccc	aaaatgggtt	gggttaccna	gcttttgunc	cccntnggaa	360
aaatgaaaat	ctnaaacctn	tntcanctgg	gnttttnncn	tttgccaaan	ttcattttng	420
ngtttttaaa	nttttttctt	aattnaccan	ttaaaactcc	cttatttttc	ccatggttct	480
tncaaggggc	cccttggggg	ttnaacanga	acnaccagc	tttnganttt	ttaanaagcc	540
angaccattn	tgggcggaaa	ngaaaaaacc	aatggggcaa	tttggaatn	ggtgncnnga	600
agtncccnnn	acaaaaatng	tttaatttta	attattaccn	cccattccna	aaatttttna	660
aggaanaaaa	aantggnaan	tttccttttt	angggtttcn	aaaaccctg	ggaaattnga	720
tttttaaang	ccncnaaatt	taaaaaccct	ggtttgccaa	angttccaaa	naaaaatnac	780
atnttacnat	cctcttcata	cctaatcnct	cnactacctc	aatncttnt	ncanactctnt	840
caactnttna	nnattnccat	tctngatatc	canntnanat	aacnnatnnc	ncntanaaaan	900
ntnnttatct	nanataatnn	ttctgcnatt	cnntctcatc	cctctnatnc	tcnnntnct	960

<210> 4489
 <211> 1024
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1024)
 <223> n = A,T,C or G

<400> 4489

aatncnaggc	tctcgttctt	tttgcaggat	ccctcgattc	gattcggccg	aggattccga	60
gtgtttacta	agcctgttga	ccctgatgag	gttcctgggt	atgtcactgn	aataaagcaa	120
ccaatggacc	tttcatctgt	aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	180
gactatttga	gagatattga	tctaactctgt	agtaatgcct	tngaattcaa	tccagataga	240
gatnctggag	atcgncttat	taggcataga	gcctgtgctt	taangagana	ctggctatnc	300
cnntaattta	aagaaaaacc	ttttngaaac	cttttncngc	tnnttngnan	gaaantttcn	360
ggaatntttt	aaanaaaaaa	angnttgenn	ncgttcccc	naaaaaattn	ccccccggn	420
ttttaactna	ccnctgggtg	attgggccc	aaangcccaa	aaatttnccc	ctcctttggg	480
ttggggngng	atttaaaaag	gattccntga	ncccccgna	ggcccngnaa	attggganaa	540
aaggctttan	aggaacaccc	cgggggttaa	ccttnccctg	gtggggncct	ttggccaaan	600
cnancntttc	cttnggcttt	caaaattttg	taaangaaaag	ggganaaaaa	attttctngc	660
ccaaanaaaa	agggttccaa	aaaaaacctg	gggntgacct	ttttaanggg	nccacccccn	720
ttttnttaaa	aaaaaaagcc	cnnaaanggg	ggaaaggaaa	tttttttnaa	ccaagggggg	780
cccaaaaang	ggattgggna	tttaggnccc	cccggaaaat	tggccccntt	ngggaattcc	840
nccccaaaaa	atttggnnna	aagttggant	tccccccang	gggaaaacct	tcanggaccc	900
caaaggtggt	tagaatccat	tnatggggga	cccggaaaac	ncnnggagaa	gtctttcggg	960
ngggaagaaa	attnanaaaa	cgcgcaaaant	gccntttttt	aaagcaaact	tgggaattggg	1020
aaaa						1024

<210> 4490
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (834)
 <223> n = A,T,C or G

<400> 4490

gnnnnnntnn	nnntttcaaa	tgcttngcan	tcgcttggnn	gcaggatccc	ttnggaagcc	60
nttggacgac	acgtggcgtn	ccgctgaatt	naagcatatt	agtcagcgga	ggaaaagaaa	120
ctaaccctct	agttttaatt	ggacacttct	ttgctgnngc	aatctatgcc	gngtatnnnn	180
gctntaagtc	agaaccttgg	attacaaaac	ctcgagcncc	cccagnagt	gtgctgtatt	240
gtcaaagcgt	gntctgtaat	atttcctcta	atttactcag	aaatgaagta	tatgggtcat	300
taagcttaaa	ggggaacat	ttgtgaatga	atatttggaa	cttaccaagt	cctaagagac	360
ttttggaaga	ggatatatat	agcatagtac	cataccactt	ataaagngga	aactcttggg	420
ccaagatttg	gattaanttg	gttttgaagn	tttttggata	taaatatgta	aatacatgct	480
ttaatttgca	atttaaaatg	aaggggntaa	ataagttaga	canttaaaag	aaatgattgg	540
taccataaat	tagtgctaan	gctgaggaga	actacaggnn	ttcctttgga	ttaaggattt	600
gagangagtt	ggtggggcat	gcaaattaaa	atggaagaan	ggaaaaaana	aanaaaaaaa	660
aaacctcgga	gncctctnga	aaccatttag	cgggggcngn	nttaccnnng	aancccnnga	720
catnggtnaa	ggaannccan	tggnanggaa	nttnnggggc	aaaaaccncc	caaccntgga	780
aangccanng	gggaaaaaaa	aaaggccttn	aanttnnggg	gnaaannncg	ggcc	834

<210> 4491
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (940)
 <223> n = A,T,C or G

<400> 4491

gtagggcccg	nttaagtttt	acnnttnaaa	ttttcagcca	cngantgggt	ccntnncgnc	60
cgggnttctt	ggagggtttt	ttntggattt	tctnttttcc	tnncnaccat	tttcattncc	120
ttcatnattt	cngngccent	tacntttaaa	ggttntaccg	tccggtatng	cntaatggaa	180
ggggtaaaat	cnggnnaatt	catggnttgg	ccattctggc	nctgngtncc	ccntncnnan	240
aggnettnac	cnaaccttga	tggggncntc	tacttcccc	ctaagctttt	ttgtgccacc	300
tngttgnttc	ttaggtacaa	aactattcca	aatggtaacct	gncctggatc	cntnggccaa	360
tggggaccnc	atgggtaaga	ttctgggtnt	ttttaaccat	naaaaaagng	ccattaaana	420
tcccggntna	agattncaaa	atgntattgg	gggcttccat	gaatgggact	tgnggactgg	480
aaattctctg	gggantcaat	gnaataatgg	tnaatgaatg	tgaagacctn	anaccntgca	540
ntacttggan	acttcttana	cacttgtgcc	aatttnggat	attacctana	atttatttta	600
aaaatgggtt	tttcntttcc	ttttaagtaa	attaaaattt	aacccttcta	ggcctttacc	660
tggnnaaaacc	ttnttttttt	ttacccttcc	anttaaaacc	ctttaaaaaa	anttttttaa	720
aaantttnt	ttggggaccn	tnnttttttg	gttaaaaaan	aaaattttta	gcnttttttn	780
ancccccccc	ctntntgaaa	aaaannnttn	ggnaaacttc	ccngggggnc	cttttttaaaa	840
aaccttttag	ngggggggnc	cgaattttac	ccgtgggaaa	cccccncc	cttttatnaa	900
agaaancccn	tttggtatgga	agnttttggg	nncaaaaccc			940

<210> 4492
 <211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4492

taatanctng	gctatngttc	tctttgcagg	atccctcgat	tcgacaccca	atggcgggtn	60
acgccggtgc	anaggggggg	cccgggggcc	ctggtggccc	tgggatgggg	aaccgcngtg	120
gcttccgcgg	aggtttcggc	agtggcatcc	ggggccgggg	tcgcggccgt	ggacggggcc	180
cgggggccna	gccccngact	tncngaggca	aagccnagga	taangagtgg	atgccccctca	240
ccaanttng	cccttgggtca	aggacatgaa	gatcaagttc	ctggaggaga	tctatctctt	300
cttctgcct	attaggaatc	agagancatt	tgantttttc	tngggggcct	ttttcaaaga	360
ttaaggtttt	naaaaaattt	nccaatncnn	aaacanaccc	ttccggcaac	gcaccangtt	420
naaggcattt	gttgctatnc	gggactaaca	atggccacct	cnggtctggg	tgtaaatgct	480
ccaaggaagt	ggnccaccgg	catncgtggg	ggcattatct	tggccaaanc	tcttccattc	540
ntccccctgc	cncaaaaggc	ttacttgggg	ggaacaanat	tnggcaancc	ccaaaanttg	600
tncttttgca	aaggtgaaca	aggncatttt	tcgggntntt	gtggcttggg	ttacccccctt	660
aatnncttng	gaaccccaan	gggcaacttg	ggcattntan	ttttcccgtg	acctngtggc	720
ccttaaaaaa	aaacttnttt	cattnantgg	cttgggggatt	ccaatgnant	ggcttacaaa	780
ctttaaacnc	ccggggggctt	tcaannttgn	tcaaacctt	tngggnaaaa	ttttgnccnt	840

<210> 4493

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4493

cntttttgaa	ancccttggc	tacttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagccaa	cgtgttaggc	ctncnnngca	cgnnnctnaa	gctgnttctg	aatgagaccn	120
agnncntga	anttnacaa	gacatccccg	ngaagacttt	gaatatgaan	actgngtgtg	180
tcnatgngtt	acnaacaaca	ntataacttct	nncntgtntct	natcaatggn	natngggnaa	240
cccttcccta	attacacctn	tnccctacac	atacntnccc	atnnacacac	acntgaacac	300
actgangatg	tnccctttaa	gtgtgngtnn	aatntgctgc	nngnattgaa	attnaaatgg	360
gattgatnan	tcaagtgact	tgagacctga	cagcatcttt	acactnaanc	ttagacannt	420
atgcnctcat	gtgggcagca	ngttacaatg	gtacttnagc	ccacagtnta	ttgctatact	480
tgagttctta	actcanaaca	tatatnttga	tttgaatggc	atantgtata	tatnatttca	540
tgcnctttta	aaattatctn	anaccncttt	natganattg	gcagnatgat	aantgtctaa	600
cacctgggat	ttaactggat	aattttgctn	gaatctttta	ngttttganc	tnntcaggac	660
nagttaacag	acctcanant	gttccaaagg	cttaaattgn	naactcnaag	ccctttttna	720
aaattnatgg	agtccaannt	tacctgggan	ccaggacant			760

<210> 4494

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 4494

tnanngtana	agacnncgng	naaagcccat	cagccggaan	gcaaaggncg	cgggtggccc	60
------------	------------	------------	------------	------------	------------	----

caagagngggg	aggagtgggc	tgacagaagg	cccnntccc	anccgcgcac	nggcngaccc	120
ccaggggcta	ggatacngga	gatgaggaac	ngganaaggg	gcncaaagag	cacanntgac	180
tggnagagga	cacagagctg	ncctncaagc	anangaacga	agnncncata	ccccnggaac	240
ctnccccnct	ccaggctcac	accncnagct	ccancaanga	nacctnangc	gacaacannn	300
aagnnccctn	ccccaaccta	gnccnncagc	ccnaaangaa	ngaacacaga	tgaanagccc	360
tgaagacanc	nggngnccac	aggnggngcc	cgangcnccg	ggtgaaagtn	gaaganngac	420
cagtaagagg	gaagaaagaa	tggtcctccc	ctcanttcag	agaanacatc	ctagtcacaa	480
gngcccctaa	ngcacncaag	gtctnnngana	gtacattccc	ctcactganc	ccagnagaaa	540
nacactacca	actgangcac	canctaggat	taacaacnag	ccaagcctcc	ccttnccctt	600
cncaaggaaa	cntcncccca	caaggggcnc	cccaatccag	aaaatgccta	taaanccctg	660
gccaaacttcc	ggggaaaggg	gaccnccnng	aagaaacaaa	ttnaaaaana	aaaacnacccg	720
ntaataagna	accggggnga	aaaaaggnnc	aaccnccaa	aggggccccg	ggcaaaaaaa	780
atccccaagg	ccg					793

<210> 4495

<211> 1487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1487)

<223> n = A,T,C or G

<400> 4495

agggggaggg	gnntttttan	cncnccccct	ttagggngga	aaaaaaancc	cccntttttg	60
gggagaaaaa	aaggnccccc	naanntangg	gggaganatg	nnngaagagg	gnnanngggg	120
aaagcanacc	naaagngggg	anannnncng	nnaaaaaaan	gcnnggncaa	gacagnaagg	180
ggggncgaga	gagnnngcng	gggaganana	aggggaggnt	ntntgagnna	anggccgaat	240
ngacgaaggt	ncggatgggg	gncaannang	ggnganaggg	gaaaggngna	anggnntacn	300
ngngantggg	aaangnnnat	nngggggana	aaggngantg	agncggggcaa	aannantann	360
ncggatangg	gnataggtng	antgangtgg	angntancnn	agataggcgn	agannngaaa	420
ntgagnatnn	tgnnacacna	tggggnataa	ggcnnnnann	gaangganca	ggangangaa	480
ngggcatant	agggcggaang	aagaannnnn	gntaggatgg	nngnaaaana	aaantgntnn	540
ngaaagagaa	nntgangnaa	gtgncggaga	aggacgaaga	ataancnatg	cggaagnann	600
aaggngngang	tnnaaaaggg	cangaannca	gaacatngan	gncgaaaaag	cacaggnnnn	660
anggaagnng	gtgcnaaggg	gnaanaagag	ctatnagggg	gaaagggaagn	ggntgngggg	720
annngaagan	aaggggaggg	aagcaaggaa	acgatgnnan	agaaganagg	taaacgcaag	780
naggtatnaa	naaaganaca	ancgangtga	naggggaagg	gngggncaca	atgaangang	840
ngaattggnta	ggacgcanna	agacntagan	ganagncaaa	gacgtagnng	caaagganga	900
nannnacgcn	agngngggaga	cgtaaggggn	angngtnagn	cnaanagata	nggannnnga	960
aaanagggng	aggagangta	gaaagncgaa	cagnnnnnang	ngagngtggg	ngtaganaga	1020
ntnnggaaaa	aaggggacgc	gtanganaac	gnangacgca	angaggaacg	aagcnaaana	1080
gagnnaggag	nananaagcg	aggaganaan	gatnagggag	agntgagana	naacgaatgg	1140
ncganaagag	agagnaggtg	ngcanngagn	agaagancga	nggagganna	gantgacngg	1200
nagngagag	aantacacnt	atnaggnngg	agaagataaa	ngcngagaag	atngannngg	1260
angaganacg	anagnnatgn	aganagnnaa	nntagnagag	agagagnngg	ngagagaaaa	1320
angtgagagg	agaggnaaga	ngaancngga	gnggacagga	ngagagnnnt	atgnnnnggn	1380
anggganagt	gnntntcntg	ngcnacannc	nnatnnggac	nacgagatgt	gcanaganan	1440
gngngngnaga	ngnnngntag	atagaganna	nagggnataa	gagacng		1487

<210> 4496

<211> 768

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4496

tnnaggttng	nnntgtnggg	cctnttnncn	tngttgtaan	cgctggctng	ctcgcanan	60
nctngctgnn	gcgaattcgg	cacgaggtgc	attgnggcc	atggtggcnt	ntgtagttcc	120
tgaacatcag	ctgggaactg	catatggctt	catgcagtc	attcagaatc	ttgggtnggc	180
catcattncc	atcattgntg	gtatgatact	ggattctcng	gggtatttgt	ttttgggaagt	240
gtnccttaatt	gcctgtgntt	ctttgtcact	tttatctgtg	gtcttactct	attnggtgaa	300
tcgtgccag	gggtgggaacc	taaattatnc	tgcaagacat	aggaagaaa	taaaattttc	360
ccatactgaa	tganangtnc	aatgaatgt	gncatgagaa	tgggcttaac	acatcgttgg	420
tttgaaaact	tncattttta	aaaatttaga	gtttagtc	tagaaaaaat	aatggactgg	480
aaagtntat	gtatatccaa	atatacctat	ttcaaagtgt	atttgtgagg	cctgttntag	540
cctgtgtctt	gtgtattgng	tgtcgctaaa	ganttntact	tttacnngc	tcatacaaa	600
tgaaaggggt	tgaaaattgc	tgtggaacat	ccacgtganc	tttttngaaa	gacagtnaaa	660
aaatggnaaa	cgtttggagc	tttctnttga	gataatctac	atttaggnaa	tataatctta	720
agggatacac	ccctttncct	ttattcttat	nncangaaaa	aaaaanct		768

<210> 4497
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 4497

gngnctttan	atancttgct	cttggttctt	ntgcaggatc	cctcgattcg	agcggccatg	60
gccaaacttg	aggtgaagaa	agcattcatg	ggaccactga	agaaagaccg	aattgcaaag	120
gaagaaggag	cttaatgcc	ggaacagatt	ttgcagttgg	tggggctctca	ataaaagtta	180
ttttccactg	aaaaaaaaa	aaaaaaaaa	cgagcctcta	gaactatagt	gagtcgtatt	240
acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	actagaatgc	300
agtgaaaaa	atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	gtaaccatta	360
taagctgcaa	taaacaagtt	aacaacaaca	attgcattca	ttttatgttt	caggttcang	420
gggaggtgtg	ggaggttttt	taattcgcg	ccgcggcgcc	aatgcattgg	gcccgggtacc	480
cagcttttgt	tccttttagt	gagggttaat	tgcgcgcttg	gcgtaatcat	ggtcatagct	540
gtttcctgtg	tgaaattggt	atccgctcac	aattcccaca	acatacgagc	cgggagcata	600
aagtgtaaag	cctgggggtgc	ctaattgagt	agctaaactca	cattaattgc	gttgcgctca	660
ctgcccgtt	tccantcggg	aaacctgtcg	tgccactgca	ttaatgaatc	ggccaacn	718

<210> 4498
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4498

gnagnccggt	tcnnangcnt	nggctnnatc	caatgctggc	taaagttcna	ananctggca	60
------------	------------	------------	------------	------------	------------	----

acnccaggan	ncangcgttg	cgaattcggc	acgaggagga	attacaggta	gcaaattatg	120
gagttggagg	acagtatgaa	ccccattttg	actttgcacg	gaaagatgag	ccagatgctt	180
tcaaagagct	ggggacagga	aatagaattg	ctacatggct	gtttnatatg	agtgatgtgt	240
ctgcaggagg	agccactggt	tttccctgaag	ttggagctag	tgtttgcccc	aaaaaaggaa	300
ctgctgtttt	ctggtataat	ctggtgccag	tgggagaagg	agattatagt	acacggcatg	360
cagcctgtcc	agtgctagtt	gcaacaaatg	ggtatccaat	aatggctcc	atgaacgtgg	420
acaagaattc	gaagaccttg	tacgttggtca	gaattggaat	gacaaacagg	cttccctttt	480
tctcctatng	gtgnactctt	atgtgctgat	atnccatttc	ctagtcttaa	ctttcaggag	540
tttacaatng	ctaactctnc	atgatngatt	cantcatgaa	cctcatccat	gttcatctgn	600
ggcaattgct	taccttgggg	gntcttttaa	aaagtaccac	gaaatcatca	tattgcatta	660
aaacccttaa	aagttctggt	gggnatcaca	gaagacaagg	ccnaanttna	aagnggagga	720
attttattat	ttaaaaagaac	cttttggtgn	ggatnaaaan			760

<210> 4499

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4499

ttaagntttt	tttggttggn	ntttcnaatn	ttgccanaaa	gctgnctact	ngtnctttcc	60
gcannatncn	ntcgattcga	attcnccacg	agctgatagg	tgccnccntt	aagacttttc	120
atagancnta	ngncggancc	nncaccttct	cnmntgaang	atactnacc	agggnaatgg	180
tgatgctgt	gaacanantg	gngaaccnct	cantntgnta	anattactna	ctaantcaa	240
aagttaagct	nnancncaca	cnnttatect	acctentncn	ctgagnntca	ngttncacac	300
aaaaggncn	aangccntng	atcnacctna	ttatggacnt	gntcatcnna	ancctaatat	360
nctnctcngt	acngtnnata	tttncnacnn	agcattcnct	atcttncatc	cnntnnccaa	420
netggncnct	ancttactac	ttgcacctcn	ctgtacccaa	cntttccatc	cattgnntnn	480
cctatcaaac	tccttcantt	atgnccttna	netcnegtaa	anacnnatgc	nnatcttgag	540
tncanacttt	tnttgcgccg	cngtngetcn	ntttctttta	ccnttggaac	ccgnataanc	600
atgnntttta	gaanaatnan	caccnggnac	cttntnancn	ctanatatgc	nctnnntant	660
gctntgactn	ntaaactann	ctcnaanngn	ncttanancc	ttatnaantn	nncccttnat	720
natagtntca	ttaanggtan	tcnttttneg	gatccattta	nccctttnc	atttttgnnc	780
ctacntcatt	taacnttnn					799

<210> 4500

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4500

ggtgnnttcc	ccctttgaaa	ccctttanac	aagctacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	ctntnttccc	cctatnaaat	ttgcaacaat	anagggtgga	120
gggtaatctn	tncnttccta	tactgccaaa	gaatgtgagg	aagaaatggg	actctttggt	180
tatttattga	tgcgactgta	aattggnnca	ntatttctgg	agggcaattc	ggtaaaatgc	240
atcaaaagac	ttaaaaaatac	ggacgnactt	tgtgctgnga	actntacatc	tagcanattt	300
ctcttttaaaa	ccatatcaga	gatgcataca	agaattata	tatnaagaan	ggtgtntaat	360

aatgatagct	atantaatna	ataattgana	caatctgaat	cccttgcaat	nggagggnnaa	420
ttatgtctta	gntataatna	ganngtgaat	canccaactg	aaaatnctnt	ttgcatatnt	480
caatgtncta	aaaagacacn	gttgctctat	atatgaagtg	anaaaangat	atggnagcat	540
tntatagtac	tagntntgct	ntaaantgct	nngtaaatat	acaaaannnc	tagaaagaaa	600
tatatatanc	ctngtnattg	tattttgggg	gagggatcct	gggataantn	nntatgntcn	660
tngaatenct	tctggngtct	tcacattttt	ctaccannga	atttaatcna	atagtaaagt	720
tgttggnaaa	aantcaaagn	tnggatttag	aaagatncnn	ttcttgaaaa	nacctgcttt	780
tggtaaatga	aanc					794

<210> 4501

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4501

tggtttttta	ggtttggnnt	tcnaatnngn	ctaangctgg	gctcttggtc	ttttngcagg	60
anccctcgat	tcgaattcgg	cacgagatga	gaaccagaac	aagtctggca	gcgaggccgg	120
cagtccccgg	agggcacnaa	gacagcggtc	agatcaggac	tcagacagtg	accagccatc	180
cagaaagaga	agggccctncg	gttctgagca	gtctgacaat	gaatctgtgc	agtcagggag	240
aagccactca	ggagtctctg	agaacgactc	tcgcccantc	tctccaagtg	ccgaatcaga	300
tcacgaatcg	gagagaggat	ctgataatga	gggttctggc	caaggctctg	gaaatgaatn	360
ggaaccagag	ggatccaaca	atgaggcctc	anatagaggc	tcanaacatg	ggtcagatga	420
tagtgactag	gttttatattc	atcaataagc	ttcatctctg	gaggaaactt	ttttaatata	480
tgaagctgt	gatcaaaatg	tttcacatgt	ttagtcaatt	gtgaaatttt	tcttaangca	540
attntctttt	ctatcanttt	gtatattact	aanccccaag	agacattttc	tgtgctagna	600
gtccaatatt	ttgagtctct	cntgcanatg	agacttatct	ttttgnngta	caatttcccc	660
tatcatatgt	gaaaaactgc	tntntcaaat	ttanccctta	tgctanantn	attcctacna	720
nannttctnc	ctgntanctg	tngctacaan	ntntattnt	ntttttnt		769

<210> 4502

<211> 1338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1338)

<223> n = A,T,C or G

<400> 4502

agggnngntc	tttccacccc	ctttgtttgg	aaaacccccc	ttttgaanta	ccaagcctna	60
ctttggtgtn	ctttttttgg	ncanggnaat	cncccaattc	cgncatctnc	ggngaganagn	120
tcccnacaca	ctagccagna	cacanatctc	atcaccaata	acnngttttt	tatcantatc	180
nnncnncnn	ntcnnncnca	ntntncgnng	tangntgtcg	acaantntn	tnncntnta	240
aannnnnncn	tntactatna	tcnatngtca	tcntcancna	ntnttctntn	ctancgnann	300
nnntnncett	nnetantctn	actnngnnnc	annntnnnn	atnnnnnctn	ctannaacan	360
cacnnngnta	tntnacnnnt	ntnacnnttg	ncnctnannt	nnnantncta	tncanttnon	420
ncattaacat	nnncccnata	ncaannntna	ccnatcanat	acntttttnn	ganacnnann	480
nancnntctn	cttnccnnt	ncctaacnnt	annnantctn	cngnnntttt	aanncttnnn	540
tnactnncac	tactnatata	ttntntnann	ggntccanna	aactnnagtn	nnnccntana	600
ctgatnnnna	tnnntnctt	cnnetattnc	nnngtantt	nanacnnacn	atcatnnctt	660

ttcatnncnc	nanttnnngnn	aatcatntgt	antntaan	naantcctan	nntcgnncct	720
cttcncttnc	tcgnnnntnt	atncactnnn	atnanntnac	taccactnct	ntatntcata	780
ccagantata	natnttnaaa	tcnnntnttc	nennancnnt	ctctcncnan	gcnnnacgac	840
nnnnantcan	tttngtncan	tgaactaant	aaaantgtct	nttctatatc	nncagnnat	900
nntntnataa	atactctctc	atnnatnntn	atnacacata	tntntncnca	ttctcctatn	960
atctgnatat	nntcgtcncn	ntctcngana	cnnncactct	atgatntnt	ntacnacta	1020
tatntacnan	ngtatgntan	gnnacatana	angcttaaac	tnnanangna	tacgacttca	1080
ntatncata	taacncctcg	ntatgcanan	aatcgnactg	ttaatgactn	gtatntcgat	1140
acnctcttan	angcntnngt	atactntntg	gtcnnanana	cttcatntac	nctngtantt	1200
atgntatata	tangcacnga	nnncnngnag	anactnanta	cacccttata	nnttacnana	1260
nntatatntc	taatnngncc	tctntnactc	tcnactgntan	gnnnnactgn	tatnttcaca	1320
cntaantatt	ataatnng					1388

<210> 4503

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (884)

<223> n = A,T,C or G

<400> 4503

cncnntctna	tnggggnang	tnggtctntc	ctacctcttt	nagganaccc	tctcgcctaa	60
nancnnggct	ggggcggaatt	cggcacnagg	gaatggatat	tnggggngga	gantannntnt	120
nnattncctt	taggatcngg	cactgtggag	gaactttgga	aattgttnacn	tgctcacatg	180
ttgnacatgt	gtntcgggan	gcnnacactt	ncacctatcc	aggangenca	nggcngatta	240
tcaataacaa	taacagacga	cttgcccaag	tctggatgga	tgaattcang	aatnatctc	300
tatatnattg	ctccatgngn	tacaaaggtc	ncattatnna	tatatatcnn	cnnnanatgg	360
acttanacac	naacntcaat	gcnaaccttt	tanntgcanc	ctncanactn	tanntnctga	420
ncntntantn	ccacnncnnt	ntanctcana	gggaganana	caaantnntn	tagcnnttcn	480
aannctacat	atcccagnnt	cnaaaagagn	ntgnctannc	tgggaattntt	taatggccan	540
nggtctgggg	ngtaaatacan	ngatcantcn	ttataactgc	ctacnctnna	cnttcncaac	600
attatgaacc	ntttgctnnn	cgaantgnnt	tcccaanncn	ttaaatecgng	nccctntcac	660
cnaatggcct	caaanatgcc	caancnancn	cttnaaaaac	gnnetncccc	anactttttg	720
gngcantntt	tgacccccca	ctnggaantn	atttancatc	ccccnagtct	acccentttt	780
ttggaaaccc	nngcnaaatn	caatntggnc	cccttnnnna	acttnnacac	ccccccnncn	840
aaancaantg	natttnnncc	cccngctctc	tnccnccnac	nnnt		884

<210> 4504

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1050)

<223> n = A,T,C or G

<400> 4504

tgggtgggctn	gggggnnnnn	nnggnngttt	ttcttnnnnt	ngtntgggng	gncctttttac	60
tcgcccctaa	natcaganat	tgggggtngg	ggggggnttg	gtcgtntacc	tntgnnttct	120
ctnagaatna	gtgtntttgc	tnnnntngtct	gggggnatttc	nccnnttttt	ttctngggggg	180
gntntnnnnnc	ntngggggggg	ntntcntgng	ggcncnntgn	ttgctancct	nnnnntngtnt	240
cnatgntntn	cnttgntntc	nnactttntn	ttgtnattnc	ttatncactc	tctnctnttc	300

nataatctcat	gttggtgnet	ttcattttnc	nenaagttcc	cnntgntcna	tntttnttat	360
nenccnnntt	tntgctntcc	ttttntntta	nagtgncaact	ntctngttnt	tncnctnttt	420
tacnnanntt	ncttnttant	tttncctttt	tntttccnnn	ngctgtnnan	tngggtnent	480
engenttctt	ctcccgntct	ttctcaatcg	ttcctnnctt	nttctnctnt	gngnccctgt	540
tnnatTTTTnt	tnntntnccg	anctcnttac	ntccntcctn	gtaattntcc	ctnctaateg	600
tntgcegnnt	ntcccttnat	tnntctttng	ngatnctttg	gnatctcnnt	tccctangtc	660
taatntgctnt	ttgttccnta	nangcnctta	ttntgtgncc	tctcncgntt	gngggtctct	720
gtttgtnnng	cnnccgtgcc	tcttaaant	tgctctntgn	ttncanngnn	cntttntang	780
gtctntngnc	ccttnttnac	cnactttgtt	atntatccgt	cnntcggtna	gttcnncnna	840
tgctgttttt	ntngcnctan	tgtncctgct	tctctntntg	nnnctcnntt	cntcggtnct	900
nctatgnngc	tatgtttnnt	tntcctntct	tttccattnc	ngcgnnaccc	ccttttntct	960
actnttnatc	ttctnatnac	ctnttntnnn	ttctntttag	nnntntnnnn	atctntctnng	1020
tgttttntctc	tcnnnccctt	ctnttgngnc				1050

<210> 4505

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4505

nttgnattgg	gcggtngagg	gntgaagggc	ccctttttct	tttttcccta	aaatggcttn	60
gtggagcanc	ctnnnnntnn	cctctganac	atcagaanat	atgggggctn	cgngcnncnn	120
nnntaccacc	ncantncnat	gctagctncc	nncgncnca	antctncnng	accnncgnn	180
cgccctctttt	gttntcngan	tnnnaacctg	tnnancccan	ntnactctan	nnctntnnngn	240
ctntgngcag	ctggannnnn	nacnannna	ancnngcact	agnactncca	ntnantgnat	300
ntctnagacn	cnnncnctna	ttcnnttgnt	ctcaagttna	tnctntcnnc	cccnncncca	360
accacccnnc	ancacctggn	gccccacnn	catnccnca	ncactancan	ntcctaacc	420
tcancntnnc	ncacnecgacn	nnctncacat	ncntntcngc	ctcctnccnc	acatnttct	480
acntttncat	ncntcccaa	naacttntnc	tnntcccnac	aaacacngcn	nnnnnnccgt	540
ctcnntacnc	acnnccntnn	cnntantcnn	toganttccc	cataatnctn	tnnancnngn	600
ttccnncctn	nattccctct	ccctagnact	ntctctctcc	ntcnttatca	atcnnnccca	660
nncccatcat	ccctcnnnn	cccctcactt	ccttctntcac	tengacactc	tctntntatc	720
nnacnacnt	anagctcata	tnnccactcn	cantatnnat	cccttctctn	ctactcnnta	780
tatctcnaca	cttctntctc	ncacntacct	nngegnctnc	ttntctncac	nannntnecat	840
ttctncactn	cantntccta	ttctntctnn	nnncnanatc	tcacnnnctc	ttctcgcnc	900
tgctnacann	ttcnctntcn	cactnccctg	nnnatnnnn	tnctntntct	cnntntnact	960
catntntcat	atacnctatc	tantatctnt	nnnctcnnt	ntntctttcc	ncactcctng	1020
cnacccctca	tcnactcnnc	cntantctac	annctnctca	cnctcancnn	ccnccactat	1080
atcactncca	tntctctnct	cacgtttaca	ctactcacac	tcnactnnnc	atcactctn	1140
nttcnnncnn	tangtncnnc	ntactntatc	cactctntct	cacatctcnn	ctacncanac	1200
ntccncacna	tcactntctc	acnncctnta	ncnntattacc	nnctactctc	ccctcannac	1260
cctctntccgc	tctntctcata	tctcnnnngn	ctcatnttct	acatntttca	ctntatange	1320
tctctctact	nnnnnccnca	ctatacgtat	atcgaanaca	acgtatntna	aaccnactn	1380
ntatctanac	tctctcnnnc	tntcccat	tntaccttcc	t		1421

<210> 4506

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (952)
 <223> n = A,T,C or G

<400> 4506

ncttttttct	atagngcnnt	tnttgggggtc	tttcttttcca	nanancgtgt	nnctcctcct	60
cnccctaaana	gnnaggctgt	ggagnncaga	ccnccnatat	gacacnntan	atnctttaata	120
annnntgatt	ntntgccaga	ngcnctctgc	antggnnacng	tnnggggngg	gtgaacacac	180
nctcntgcac	ggntatcnag	ancagncttn	actnatnctg	gactacaatn	atgtgagata	240
acacacanacat	tanntnnaaa	nnananactn	tattcnttnt	tnactaganc	gntcctncga	300
tnngaatncc	ctcctcctna	ngaaactagc	atggatgttc	acattcaagt	gtgggggatnn	360
ttatcaattt	gctatttnat	aaaanatacc	aanntntncc	ctntncaana	taattnnct	420
cngatatatg	gtccatccat	ttantgaaan	gctnttcncc	ctttcaaaaan	gatacnnatn	480
angncanncc	cngtngcett	acttggetna	ttaaactnna	natcantctt	gnncagatng	540
gngtnttcca	ccannntttt	ncccaagcc	ttannntacc	taacctcct	gntcctccaa	600
gctnctaccc	tttccaaccc	tcacgcctn	tcncaaaaag	tccttttnc	tactctcnnt	660
ntttcgaann	tcacnaattn	taccccattn	ccnttcccc	nctagccct	naattntanc	720
cntttncctt	tatcntcnnc	tncacttttc	gtntctcct	nccctcatac	cactttttct	780
nnnatcncca	ccccgcnnt	cactactcat	cagccccctc	aactnctnnc	ncatnanatt	840
ttnacccnt	cantcccttt	ctntnccnc	tctntntttt	ctcgnacanc	ctccactcnc	900
ntctatcngn	cnttttccnn	nnctntcttc	cganncnntt	nctcctccca	ct	952

<210> 4507
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 4507

nagttttttt	tggtgggntt	ttncaatcc	ctccttccag	ccaggatctc	ntnctntcct	60
naanaaaagg	ntgtggcgaa	ttcggcacga	ggtgagcccc	acaggaataa	aaaacactgg	120
gaaggggtaa	ccccctcacc	cccgggagtg	gcccaggggg	agagaggcta	cctgangggga	180
angaagcaca	aaanggaccc	gctgcagact	cagggcaaan	ggaatgccat	cngngetggg	240
acctgtgagc	actacangag	gaaacgcaag	cntggtggna	ctggttccag	ncacacaggc	300
aaagggcaaa	agggttgga	actaanccnc	aaagntactt	gggttccctc	ttcttctnnt	360
ttgccttttn	ctgctnctnn	tncatganct	ccaagtccct	ntgnttgcg	gcggcagcan	420
aaagcccgtc	atttcggcgc	tttcccttaa	ccnancgnt	ctgcttttcc	atattcttnt	480
ggcgggtcaan	ctcacgctgg	ttaccgcggt	tnatggctac	ngcagcggnt	ccaacctgct	540
ccgttacgtn	ccctttgttc	tgtcnnaant	tnangtccc	ncccttntn	ncaacgtacc	600
cacagtcctt	cctttttctc	ccgccccttc	gcgccccggn	agcccngntc	cccatttgna	660
caataaaaaa	gcacctntga	ttccacgnet	tcnngccttg	aatccccng	tctnttaaan	720
ngncnnnaag	ntcccncaat	cctnnaacn	ccnncatctg	ntgaancccn	ngncctttcc	780
cntnngnnt						789

<210> 4508
 <211> 1454
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1454)

<223> n = A,T,C or G

<400> 4508

aggggggngng	ggggnnnttt	ttnggggncc	nccccccctt	ttgtnttggg	gnaaaaaaaaa	60
cccccccttt	tttngggggg	ggaaaaaaaa	nggggccnnc	cgggttngng	gggaaagggg	120
gntggcnngn	ggngggggnt	cgnggggnng	ngngnnngng	tggtngngng	gggggggggn	180
gtgtngnggt	nggtggnna	ggnnngggag	gtgnggggn	ngggaccncg	gngggngngg	240
agnggnggn	nntgtngngt	ggtttttttt	tncgngngnn	gggggnnnna	ggggaggggg	300
acggggggng	tgnggtnggc	gngntnngtg	gngggggggg	gnggtntggg	tggggcntgg	360
gtcgtgnggg	ngcngtggg	ngncggcggn	gantggngtt	ggcngtngng	gggggtgcncg	420
ncgcnnngng	nagngggcg	tgggcnnngg	cngncngcga	cngggggggc	gtggggcngg	480
gggncggngg	tggtgngggg	ggcgagnggg	tggggggggg	gngnagnggg	agnaggnggg	540
ggngngttga	gggagagggg	tggggngngg	gmnnttntgn	gggggatgtt	nggggggcga	600
nngcgngngg	nggggggtgn	tggtgggnnn	gggagngnga	gtggnggntg	ggnggtngng	660
gtgngngngg	gggtggtgtg	gtgagcnggc	gagnggtngg	tggtngnggg	gnggnngggg	720
gtgngggctg	cgtgacgntn	ngngagaggg	tggngaggng	ggngngagtg	gtngngtgtg	780
gngacgtgg	gtgtgggtgt	nggtntggnt	tncgagngng	ngggnggtga	gncngcngtg	840
gngnntgtgt	ngtgagcgt	cngngcgtgg	ngngngngng	cngncggngg	tgggannatg	900
ggngacngng	tggtngngng	gtgtngngcg	gngngtgncg	gggacgtggg	nganggggtga	960
gcgncggggg	gaagggtggt	gagttgtgan	ngngnggana	tgngannnnng	tggtgtgtng	1020
tngngaattg	gcgancgnat	ggngtgccgc	gcngtgnggg	gcgtgtgngg	nnnttagggg	1080
gnccgaggat	ggggnngngn	nggtgcgggg	gtgtgggtgt	ggtggnagng	cngacngcng	1140
gtgnttngng	ngngngggct	ggtcncgtgt	ggggggacgc	ggaggtgngg	atgcnnntgn	1200
tgctgtggcg	ggnnngngcg	gngcgaggng	gcgnanagtg	gggggtggnt	ggttgtgngg	1260
gnggtgnggg	gggngggngg	gnntgtgcgg	ggnggcgggg	ngcggcgtng	gtggtcgggg	1320
gggggggatg	gggncngngt	gcggggngnn	ngggagtgnc	gacgnggggg	gcggngggan	1380
gggggtnggg	gtgtngngtg	gtgtgggcgc	gngcngnggg	ngnggagcgn	ngggngtcng	1440
ggnggganggg	tccg					1454

<210> 4509

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4509

tttctaatta	tcangngngt	cgnnactnnc	nctananana	taggccttgg	ngaattcggc	60
acgagaactt	cntnaantgg	tgtntntcac	cnttngcaaa	caggntntna	agatgtgcnc	120
tttgggnntg	ctntttgggn	acatacatgn	ncnttacngn	tatctntang	nnaactcnan	180
aactntctng	aatttgnchn	cnntgcnatn	tattgtgtga	agcgtgcac	tanctcacgt	240
ttaccantaa	nggtncatt	nccccatttc	attatntncc	acttataagg	ctcaaaagaa	300
nttgtcccca	ttccggccca	anacacnctn	tttagnttga	atggntgaat	tggcaaanca	360
tgaanntcaa	accnattanc	cgnaactggg	cancnatecn	caanggcctt	cntacctgga	420
ncttgttnaa	ggtgggaanc	cnttccttag	gttccaaaan	ttgtancatt	ttacccttgg	480
cnnggtcatt	aatttnattc	ataacnaagn	ggtcnathtt	nttncttnat	gaccccatcn	540
gtgaaaaaat	tncctaatec	antaacccca	ancntgtctc	nttaattcca	agtcctcng	600
ccntnanang	aattcncctt	nncnanaann	ctnngatctn	ntnnnttnca	agcangnanc	660
nnggccnngc	nttngggnga	anaaatnccc	ttgnttnaan	cacanttcna	ncccaaggtn	720
tncaaaaann	ntcctgnaaa	tcttnttttg	cnnnannggt	cttttaccen	tancccttcc	780
ccaattggga	atcacttgca	antngancn	ngtgccttta	gantttgggn	nnaaatnggn	840
ctaaacctcn	ttggnnntnt	tctctnntcc	gcnnnggaca	atccttnncn	anacc	895

<210> 4510
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4510
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 caacaancnn gcggntcgaa ttccggcacga ggnnnncccg nngatcagnt nttctnnnac 120
 tcantaanna cttctgggtn acnggatcaa attgaatctg cntaggctgc tgtatntgga 180
 gganncnngt tcgcngnant aaaanctgnn catnnngang nctgancnnt tncennaaag 240
 gntangtcca ntgnnnctga tcancnncaa ntacncagnc aganatccaa anaccagtna 300
 tatatgtnc nttgctcagg ggtgtggnc ccaatttcna tngagntcna cngcnnnnct 360
 cnngaactnc ntcncnactt cttncanntn gtcnngnaan ncnttnntnc atctnagctg 420
 gcacatgaga gtaccnctct gctatgccag aagtatgaca ccaccaggtn atagtcccta 480
 cgaccttac cactgtgact gattgagtgg tgtgagaatg agngactncc atnngattnc 540
 ncattncca tccatctagg ngccactctn tnngcatnga ttntccctg gcnacccaac 600
 tctnngantn ggatgacttn tcntnagant ngattcttaa ntcnngaant ttgatgatnc 660
 tacttatacn gnnattttgn cctncngna aangcattga agtnggttan ntaaaatagn 720
 naacnacccc anttgccaat ttnccaaaac cnccaaagcc tnaccccgng angggnnnn 779

<210> 4511
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4511
 nnnnnnnnnn 10

<210> 4512
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4512
 ngtnatatgc ttntaatgc ttcntancga attcggancg agagaagccn tgagcagcaa 60
 agtctntcgc gacaccctgt acgaggcggt gcgggaagtc ctgcacggga nccagcgcaa 120
 gcgcgcgaag ttcttgga aa cgggtggagt gcagatcagc ttgaagaact ntgatcccca 180
 naaggacaag cgcttttcgg gcaccgtcag gcttaagtcc actccccgcc ctaagttctc 240
 tgtgtgtgtc ctggggggacc agcagcactg tgacgaggct aaggccgtgg atatcccca 300
 catggacatc gaggcgctga aaaaactcaa caggaataaa aactggtcaa gaagcttggc 360
 caagaagtat gatgcgtttt tggcctcaga gtctttttag caagcagatt ccacgaatcc 420

tcggcccagg	tttaaataag	gcaggaaagt	tccctttcct	gtnacacaca	acgaaacatg	480
gtggccaaag	tggatgangt	gaagtnacac	atcaagttnc	aatgaagaa	ggtgttatgt	540
ctggctgtan	cttgttggtc	acgttgaaga	tgacnngacg	atgaancttg	gggtataaca	600
ttcacctggc	tgtcaacttc	ttggnggtca	attgcntcaa	agaaaaaact	tgggcagaaa	660
tgttcnnggc	cttatnttnt	caagaaccnc	catggggcna	agccccaacg	ccctttnttt	720
aaaggcncat	ttggaattaa	attcntnttt	ncccg			755

<210> 4513

<211> 1166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1166)

<223> n = A,T,C or G

<400> 4513

ggagnttacc	ccttnnngaa	acccctttat	acangctact	tgttcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggctacttg	ggaggcnaga	gttttngaga	atggccngaa	120
cccangaggc	cgctggatnc	ggngaagg	ctgttgngga	tantntanga	tcttgntgaa	180
tcccactcca	ngananctan	ntnatnnga	ccttntcnta	nnnttantgn	ttncatatnt	240
nactcaanat	ngcaattgga	tntattnatg	cnncnanntc	acttatcacc	tngatcatnt	300
ggaaacnaat	aannatctcn	annangatcn	gtcantnta	atantgngga	tcaacnntnc	360
ctctcntnnn	gggaatntna	ncntgggtact	naccnnttt	nntaanacca	tcttnnccat	420
tnacnnncna	nngcnannan	annanatnta	attnaattnn	ntntanccaa	gatccatcna	480
cgttangaat	tnttccccat	ngnggaattn	gcaanaacaa	tntcnnganc	taanaacaat	540
tcngccnntn	nacaaatcnn	ntnnanncan	nanncgccan	tntaatgntc	aantncaaan	600
cngcccngca	cgnanagatn	natnannnct	ctnantctct	ntnanccanc	ccatacnnat	660
tcgatancna	tnannacntg	gacntnctct	nnatcgtnnn	nacgtcatcn	ctaatanctt	720
ctcgtcatac	gcnnatgac	nngncctcta	acgcacnaat	angngcgata	tgatcnanat	780
attaagtctn	tantagtgcg	ancnctanan	nacnatggcg	nnatcnantt	naatgtatgc	840
gnccangtaa	nctncgcgtn	cncatagntn	nanncnctnc	tcnnannnat	gancnngtaa	900
natgtntacn	gnactntctc	acgnnatntt	cntatanagc	cgcgcanatn	cnancaantn	960
nantanntcn	tatnangatn	attacntcgc	ttntncnacc	ncnaatacnc	ngnatnnana	1020
acatcngcnt	ntgnngtctg	ngntgannaa	ctcncannna	catntcnatn	acacnncgta	1080
nnnnanctac	cagctnntac	nntaatgatc	tcannnnncn	cacatnanat	ntatcatntg	1140
acntnctacc	attnacnnag	ngaccg				1166

<210> 4514

<211> 1185

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1185)

<223> n = A,T,C or G

<400> 4514

ggnnnnnggg	gggnnnnnnn	nnngnggggn	gnnnngngng	nnnnnggtttt	ngggggggggg	60
gctnttggtt	gggaaaaaaa	cccccnttt	tnggggggaaa	aaaanntggg	cccnnnnnnn	120
nnnnnggggg	gnnnnnnnnn	nnggggggng	gggnnnnnnn	nnnnngnnnn	nnccnntgg	180
gggggggggn	nnnanngggg	gggnnnnnnn	ccccnnnnnn	ngggggggggg	gnccnnnnnn	240
naannngggg	gnccnnnnn	nttttttttt	ttgggggggn	ccnanngggg	ggggnnntnn	300
ncccnngggg	gganancntt	tnnnnnnnng	gggggggggn	nnnnnggggn	nnnnnnnnnn	360

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nnngggggggg gnnnnnnngnn nngntnnnnnn nnnnnnggggn nnnnnnnnggg ngnnnnccnn 420
nttntgnnaa nnncccnnnn nnnnnnnnnnn gnntgnntng nnaaaannnn ntggggggnn 480
ngggnaacnt tnnngggggn gggngnnnaa nnnnnnnnt tnnntnnaaa aagggggggn 540
taggctnggg gggggnttaa aanngggng ggnggggggg gggnnnntng ggncgggnaa 600
annnnnccnn tttngggggg nngggnggag ggggnngggg gggnnnntan gggggggggg 660
ngnnnnnnng nggggggnng gggggggnn gnngnnngnn gggggnaaac gggggggggg 720
ggggggncgg gnnnnngggn nngggggggg ggggnngggg annngttggg accggngggg 780
ggggngggng nggggccggg nnnngacnnn ggntnnaggg gggggcnggg nnnnggggcn 840
gtttgnnaa aaaaaannna aangtgggg cntntgggac nntggggggg ggggggnttn 900
cggggggggn cccggggcnn gggggnngg ggggnccnnnt gggngggggg ggntnggggg 960
gnnanancgn nngnntnggg naaggggngg gggggggnaa aaaaaanggg gggnnngnnn 1020
nnnggggggg gggaaaaann ngggggggga nggggggnnn nggggggggn nnannnnngg 1080
ggggnnnnnc cnnnnnnnnn nngggngggg ggggnnggn nnnnnncng ggggnnnnnn 1140
nnngnnnnnn gnnnnnnnnng gggggggggn nnnnnnttt tnnng 1185

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<210> 4515

<211> 1142

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1142)

<223> n = A,T,C or G

<400> 4515

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ccncangggg ccnaacaan agggncncnc nnttctntgg gncaggggga aanncccttt 60
ttggccnaaa aaacngccct ttgggggggg aaaggngggg ccgggncccn nggggccan 120
gggggggccc canaaaaaaa acnnnnccccc cccnctntcc cccctnnnn cccnccnnnn 180
aaannaaaaa agggggaacc cancnaaggg gggggccaan anggggggga aaantntaaa 240
agggggggcn cccccaacac cngggggaaa aaaanncccc caagggggga cccaaaaaaa 300
nnnnnccnaa acccccntgg ggaacccaat anccccgggg naaaaccccc gggaaaaann 360
nnnnaaaaan ccngggcccn aaaaaggggg ccccccnnaa annntncccc aaaaaatna 420
aaaagggggc acccntntcc cgggaggnaa nntccaaggg gggggacaag gggnantttt 480
gccgggggga aaaagggant ccaccccccc cnaggaaat caaggggnng cggggaaana 540
gganggcntn acccaaaacc cccgggggna cggngccng ccaangaaaa agagaangna 600
ntntnnaaac ccgggggana aagngnaanc ncgncgnnan nggaagnggg ggngccccc 660
ccaaancaaa angnccccc agggggcccn naacnggnna cncnnggggn nnaaaggggg 720
gccnaaaagg ccccgggggc ccaaananc anaccnng nnnngnaaac aaannnccaa 780
accctgggc ntntgggggg nggcaaaacn accccccgg angggggaaa aaaaaatang 840
ggggnaaaaa ggaaaccaa anctggggcc ngggcnggna aangncgta accccccggg 900
aaaaccccaa ncangncngg gggaaanaac aaggcnatgn ngcccaccgg cgggccang 960
ccccaaacac cnnntagnn tntcccccn ngaanaaann acncgcatcc cggaaccca 1020
aaanngggaa nagccnncgg gggccaagg gnncancggn nangcncnn cncccgggg 1080
gncannnccn anacntnccg ggcnnnaacc ccccaaanga anccggggga aaanaagggc 1140
cg 1142

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<210> 4516

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4516

cacaccncaa	angcacnna	aacnancacn	angnccgaaa	cgaccennaa	cgcgcgcgcc	60
acnnccannnn	gacgcggnng	aannnnccgc	gnaaaagacg	nagcganaan	caanacanag	120
cnnncacaaa	ncaccncnca	ccccccnccg	agtntggaaa	ccccnangca	aanacccacc	180
ccacgnacgg	cgaggggaaac	ccaaccgggg	ccgcaatntc	gncnacncng	ggnagatanc	240
acnaaaagnnn	nnccaccact	tnaattaaac	ccagcaaaaa	caccacacan	ggacacaggg	300
gggggcnacg	gganggcnac	ccgcannnna	cccacanaca	aaccggagnc	gcgncgccac	360
annacacggn	gcacnaanca	acaccccaag	anacnaaagc	ccncnanggn	aanagcccna	420
naacganncc	ancnccanac	aaccgaacac	acnaacgcna	cngaacaaaa	accangcnac	480
agagcccanc	gcannngnaag	naaagcccac	acaaanagca	cgccngnaac	nagaaagccc	540
aacagacnna	caacagaacn	nanaagacaa	acccccacggc	ncnncaanag	cccacganac	600
cacgnaancg	nnacccccaa	gcanaaagcg	agagggaaccn	nnncanaaag	ncgcgaccgc	660
ngcggngnga	nacaaggaaa	ncaannaaaa	aaangaganc	nccncacnag	cccaaanaan	720
cccgnnanaa	ccgccnnccc	g				741

<210> 4517

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4517

ggcanttgnt	cttttgcnag	tcnctcggtc	gaggacnctc	gagagttnct	atgtactagn	60
atgggtactgg	ctgncnngcg	aatatctnng	accaattatn	aaanaaatat	gtgtagagta	120
ganataaant	ggtaactagt	nnnttatnag	aggggaagtn	ggntggnttt	ataaattaaa	180
tgaacattta	tgcggtcggt	tatttnnacg	taaaaatagn	tggttatattc	taggnaacag	240
aaatttagaa	acctattttt	ctgtagaaga	aagggtgctgc	tatctgctnt	tgatntctca	300
gatatttgct	tctccttaga	atgctatgan	cagatntnta	ttagaatgaa	gttntctaaa	360
ggctttgatt	ggcatgagct	nnattactta	ttngcttang	ttaangatta	gcccataaga	420
catattatct	ttatggacca	ttgcaaattt	ntctaantntc	taaccattnt	taacctttta	480
tatatgaatn	acnnaggaaa	ccatnnnatt	attataaagt	ntattcctgg	cncnntggaa	540
ngncaactcaa	tnangtatnt	gttaattgna	gntaaatgat	cccagtnng	agtagnnacc	600
tnncangttt	ccnnggggaa	thctttntct	accnaccgtg	gggggnttac	ctctnnaaag	660
attgtttttt	nggttcccaa	cttnaccgng	gaaaantacc	ttgggaaacc	tggncceect	720
nnagnanaat	cntcgntttg	ggcnccactg	atc			753

<210> 4518

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(972)

<223> n = A,T,C or G

<400> 4518

nnnnactana	nacatncaan	tnnntcannn	acnctcanan	nnaacannna	tacnncnnc	60
ananatnana	natnnctttt	caccacanan	ctcactnccn	tacacannct	cnacnactnn	120
cnaagnggag	ggaanntagn	gantannaga	gganatngaa	angcggcgca	cantaatttn	180
taaaggnngg	ntctntaant	ncttggnat	cgnccectcat	gnaggnaacc	atcgcannc	240
ctnngatcnc	cncacagang	ttacatannc	actgttgca	cagcncagta	actaggtatn	300

tnacacctac	annactcaca	ngtgcacggn	tntanngnnc	acntntaact	gctcttcatg	360
cttnccanggc	cctatnnang	aaanccagan	atnacannnc	ttntactatn	acttaccaca	420
canagngagg	cnttngctnc	ctaaacnnaa	tntntatcan	acaagcnntc	catcaanatn	480
tctaantnna	ngggctaata	angaancaa	tcnncgtgnt	gtgtancctn	ttctccctca	540
ncanatacaa	tacaggagct	gatatgcctg	ggctcaccct	gcttaanaac	aaggncctcaa	600
cnatcngncc	ataccctnn	tattaccena	gatgggaaac	ctctgnanaa	tggtgncact	660
ancctngact	ctantctctn	atatactgcn	nctntatngt	caatcncnat	ntaaaccata	720
anggttcaat	agcctataaa	aagngcgccn	gaaattagta	tgngnnattn	naggtananaa	780
actcanntaa	angcattcaa	atcttcangc	ctaccatgac	cctatttctn	cccactntaa	840
ccaanatgnt	nactctcana	tnggaggaca	ncnccctgca	atnctctcac	ctcccatnc	900
ctcaacatnc	caccangaa	accanaatgt	gntaanccctc	nttncaacaa	aaatngnngn	960
ggtaagnaan	cn					972

<210> 4519

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4519

tnagnttttt	ttgtgggttt	tctttttact	aanngctggg	ntatcgttct	ttccgcagna	60
accntcgat	tcgaattcgg	cacgagggga	ggagaggcgc	ggggagccag	gcctcggggc	120
ctcgagagcaa	ccaccgagc	agacggagta	cacggagcag	cggccccggc	cccgccaacg	180
ctgccgcccg	gatgtccag	accttgatg	attacttctg	tggggaacgt	ctgtggctgc	240
ctgtgaactt	gacctgggcc	gatctagaag	accgagatgg	acgtgtctac	gccaaaagcct	300
cagatctcta	tatcacgctg	cccctggcct	tgctcttctc	catcgcttga	tacttctttg	360
agctgtacgt	ggctacacca	ctggctgccc	tcttgaacat	aaaggagaaa	actcggtctgc	420
gggcacctnc	caacgccacc	ttggaacatt	tctacctgac	cagtggcaag	cagcccaagc	480
aggtggaagt	agagcttttg	tcccggcaga	gcgggctctc	tgcccgccag	gtagcgcggt	540
ggttcggtcg	ncgncgcaac	caggaccggc	ccagtctcct	caagaagttc	ccgagaagcc	600
anctngagat	tcacatttta	cctgattgcc	tttattgccg	gcattgcccc	tcattgtgga	660
taaaccctgg	ttctatgaca	tgaagaaagt	ttggggangga	tantnccata	cacaacacta	720
ttcctttccc	agnatttgg	actacttnat	ttaacttnt			759

<210> 4520

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (841)

<223> n = A,T,C or G

<400> 4520

gttttttttgn	ncngnaaacc	cttggcannn	ncggancagc	ggacnccgtn	ntcgnattng	60
gccgagggca	ttgaaacctc	cgttcatnat	ttttcggagt	taaanaggca	gcantngcgn	120
gnntgtacac	actnntanac	aggnnnnnnn	atngacttga	cctnntngaa	tctctaaatc	180
angttccata	tggatcgaa	gnccattatg	cnattcanat	gcngcccntt	ctnangngng	240
tggnccntc	naccctngt	gcncgtgcag	aactgannnn	gacggaccgc	ctcantcnn	300
ncnaacgtgc	aanatgtatn	nanncaggtg	aaggggaaca	ctaaccaagc	attgaggtcn	360
naaaaacagg	gatnnggtat	agtganctnc	ccnganagca	aaagnanntc	tgctcaccat	420

ttcccaggna	gctnagaanc	cgngattcc	tgaantcaga	cacagaatna	annctacccc	480
gnngcaggaa	nctntcnntt	gaaaattttc	ctnacggngt	cnttaccntc	ttnggcttgg	540
ggantnantn	gggcaccaag	taaanntntt	ntgcnacccn	ntgggggnac	cctttccatc	600
tgaccatttc	nnngctctgt	aacttgacan	gntttntttt	ccgcnattgg	gaaagntgna	660
ggggtgctan	agccttaaaa	atgnaanccc	cttttttttc	ttaaaaanaa	aaaagtgttg	720
tccggctttt	attcnattgg	tngggatggn	ggggggagga	naaccannta	aaggtttttt	780
ntcnngaata	cccnggggag	tggnnccncc	cgantttttt	tgggttcaaa	annctttccc	840
t						841

<210> 4521

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(938)

<223> n = A,T,C or G

<400> 4521

gnnnnnnntt	ctnnaagggg	gggcaggggg	ggtttccctt	tctnacagcg	agtgaggacg	60
tennantcgc	ccnaaacana	atagggcggg	gnaatgcacc	accagggaca	ctcagncctc	120
cnanccggcg	gcctngngng	aagaagccan	ngggctgggc	tgatgnnaat	ggtagnnnac	180
anngatccct	gggggcatcn	cngaccnnan	catacnagt	gnannanccc	ntnatnnct	240
tgnnaancnt	ntgnaggan	gcanttcact	gctccaagaa	cnetggtgcn	aacttgacan	300
annggtcca	tgcctgnag	cccgcata	tttgccggt	ncanacagag	cacatccatn	360
ggggaaatgg	gnactnatcn	atntgnctng	aaaagnagat	gccncaatcc	tgcacanc	420
accactcccc	atganacntc	tgcnnnggat	ttnagggacc	ccccgtaact	ggaaaaacncg	480
nggccctgtc	cccactntaa	tgcacnangc	acncngagg	ggnggnctc	tactgngcc	540
cttgetgncc	acnacgccct	ngaccgnncg	ccacctgang	ancgaaaccn	nagcngcaa	600
ccccnngtnn	cccancaccg	gcancceatc	cccaagcaan	nnctnccncc	cccccttta	660
nnnnccaaat	cgntcccacc	tnanntnacc	nttcggcnaa	agtcaccgt	tcennncana	720
gggcntnncn	ccnganatgg	cnnnatnnaa	cacctnga	tcnngancn	naacnnnnct	780
tcccaaaana	ncttttagcc	cttngccacc	ccnnctngg	gggaancncn	cctncggctc	840
aaagcctacc	ttgnnaattn	cggncaaana	ggcccccnng	ntntccnnn	catactngcn	900
tcccnngngg	ggcccatnnc	cgaccncaaa	aggggcct			938

<210> 4522

<211> 1128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 4522

gctccacaga	gcgnttttct	nacngcaacc	ggacgccgng	naaccccngg	ngccgnaaag	60
gaagggnggg	gcnagggcg	cncnccggcc	gncngaacy	ggncacgana	cagttttttt	120
ncnaacacng	acnccgaaaa	natgcnnnga	gngctntncn	antnnnancn	nagagcgcca	180
nacgtngcac	aaangcngnc	ngccnagtgg	caccntnnc	gacantcccc	nagtntggag	240
acggncnaat	gacnanaatn	ggaccngnc	nanngacncc	ncacncacac	cnnnagngnn	300
gacanganng	gngcctaana	agnanangcc	cacnnntgt	gccacnntct	angngntnc	360
ccaggagncc	ncanncgana	cnaaaangcc	ctnngggnc	aacnggtggn	accngccaan	420
ctnggggnann	cannaaggan	gnntcggtaa	ancctngnag	gncngcaggn	anacgtcacg	480

cgnggectca	ctnnacance	ctancancgt	nccanntngg	gntacactct	ccaaacnaca	540
tgagtctcct	cncnnaaant	ctcgggggng	nnncnncccc	antcatacnc	ancccnegna	600
aatnaatata	ccncgctana	tnccggcaan	atctgengcg	acaagannna	gaccncncta	660
cgactnntan	ccannctann	angggncaaa	acggngcncn	cncagnaaga	cncgggcann	720
tncaanacan	cncncattnn	anannggctn	actctnagaa	nacntcctnn	aanctcanct	780
cacccttncc	ttgctntcac	gnggcattna	cactacattn	agngggntca	cactcttcaa	840
aaggntctcc	tggncncccn	tngaaatgca	ncnactcttc	ncnanngnnt	ntccnagcaa	900
accaanagnt	caaaccncta	accanancn	cnntccccctg	gcctggnccc	ctttaaannt	960
gganaccant	cncctatngn	cncgggggaa	aaaccncnt	agcccacaaa	annangctng	1020
gtgaagnnna	atggaaagnc	tatnctcaag	naaatccac	ctatttaana	ataancngnc	1080
cccgganccn	aatntggccc	cttaantncc	actcctnngn	naccgggc		1128

<210> 4523

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(876)

<223> n = A,T,C or G

<400> 4523

gnattatngg	cctaaatnnt	tgaagnttgg	tgatnctgen	tnggggatng	tngttncngg	60
caagcccatg	tgtgtacnaa	agcttctccn	actatncgcc	ttgncggnc	acaanantt	120
ttgagataaa	acaannactt	tnccnagngt	gtcaaataana	gctgcggacn	agaatgnnt	180
tncanctgnc	natgncnct	gcatatgctc	naaaagacnc	nganagggan	ntgnnttttc	240
tcctttgtnc	cgtgcctcnn	acttttagtc	ntggngggaa	gganccnacc	cnatantgct	300
aaantgcatt	ggcnanttga	aggtnaggta	gcaaacgact	ncctanatga	taanggtccn	360
gttannnaaa	ncttcngtng	gacncnangg	tgantnang	gctcnnttng	gccttanctt	420
nacgnctag	nngnacntcc	ganttatng	gnncttcatt	tcaggggntt	gctttanngn	480
gacagntaga	ccgaagattg	gaaanngann	ttgggtggnc	cattgnncnt	actnnngttg	540
ttccggnana	nnctgggnang	nttgantngg	tnggacnant	ttgnaccnnc	ttgggttttgn	600
gaccaatcng	ngcaaaacaat	ggcaaaaatc	cncttctttt	tcttnaaana	nntaanaatt	660
cttanggttc	ctggggggcc	tcctcttttc	tgcnccaacc	tttcnccaat	tannctttac	720
gntgggntnc	tnntcacc	aaacnnttgg	gganggtccc	aanncnccng	gggaggnc	780
anaancccc	cattggcccn	ccnnacctat	tttgccnngg	tnnacgaann	attctanctt	840
ttaannaann	cnatnttttn	attntttttc	ngaacc			876

<210> 4524

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4524

gtgntttcta	atgcttctaa	tngcttggct	actcgttctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgaggannt	ctntgctatn	gaacagnggc	tggtnnacac	tnnggannta	120
nnntgnacn	ntannnattg	nancanntan	tactggnnnt	ccntaatncn	nttaatgtna	180
cntnttgcaa	gnngnnctga	tnaaatacac	gacaggaggg	aaanctantg	cgtcataggc	240
acaggcagac	ctaccgnnta	aggagatnat	ntnccnnang	gntggctggt	gagncatgc	300
aactctggna	tgtattttccc	tttataggac	caccttgtnc	atngtggata	aagcccttaa	360

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agnaggatgn naaagatgat cngatccaat acgttacnct gacannaaan nntgtnatac 420
ntcngctgan caatctntcc ancnnntnta atatcgtgna tcacctaggg tgtatgaten 480
taggaactct gcncctncan tcnggactgt ccatacnga ctnttgggct nctactgtac 540
antangcna gaanancnnt canntacan ntaaccagat tgggtgctggn anatggtant 600
gcnnnttnan cncccacgac ncaataaagn ncnnctntnc cccanancct ntinnaggaa 660
gaaaggaaat ttncatagt ggctcaatga angggggtacc cttggncctt ntaaaaaacg 720
ttncatgggn cctaccttaa acctgngtna actnananen nttngncata angggtctaa 780
cgnctatang ggggnacnnat ttttnc 806

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<210> 4525

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4525

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ggnnnttctaa tgctttctaa taccttggct ctngctcttt ctgcaggatc ccacgatcc 60
gaattcggca cgaggaaatg tgtatttcag tgacaatttc gtggtcttt tagaggtata 120
ttccaaaatt tccttgatt tttaggttat gcaactaata aaaactacct tacattaatt 180
aattacagtt ttctacacat ggtaatacag gatatgctac tgatttagga agtttttaag 240
ttcatggtat tctcttgatt ccaacaaagt ttgattttct cttgtattac attttttatt 300
tttcaaattg gatgataatt tcttggaac attttttatg ttttagtaaa cagtattttt 360
ttgttgtttc aaactgaagt ttactgagag atccatcaaa ttgaacaatc tgttgtaatt 420
taaaattttg gccactttt tcagatttta catcattctt gctgaacttc aactgaaat 480
tgtntttttt tttctttttg gatgtgaagg tgaacattcc tgatttttng tctgatgtga 540
aaaagccttg gtattttaca ttttgaaaat tcaanaagc ttaataataa agtttgcatt 600
ctactcanga aaaagcatct tcttgatat gtcttaaaat gtatttctgt cctctataca 660
naaaagttct taaattgatt tttacagtct ggaatgcttg gatgntttaa aatantaaca 720
ttttatattt tttaaaagac aaancttata ttnatcctng 760

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<210> 4526

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1236)

<223> n = A,T,C or G

<400> 4526

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tttggtggng tttggntnng ggtgggggct tntntntaan gnntgntnta aatcggtgng 60
anagnccta anatngaata gggtnngggn ccatncnntt ntentntacn nnnnnncnt 120
atgcggnnnn nngcctcann ngnactttt tanatnattt tttnnccctg nnanngntnt 180
actcancgtn ntgtntngnt nctantccaa natacatgga tntgccnnt actnnnnacn 240
ntacaggngc tngccengnc nngttcnann nattancna ccanntntc ntntntncng 300
anagagtntc gcnnntctng aaatgttanc gccnctcgaa cacnntnta tcnctanctn 360
gttctctgt ctntctnt anatgantcn gancntttta atngagtncc taatctcnan 420
ngntcttttn gatentntgg tctttgcnta ncttnnaacn tccttttgnt tangnanana 480
anccttenta aattnannca anttnnttc ctntctaagn anngnncctt antntntnc 540
ttnnantacc ctntncttn tctnancna tcnttncca cngtntntaa ntntnntna 600
tttcnaantn cctnnctca acnacntcaa ntacancntc ctctcnantc atcacaanne 660

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aannngncact	aanncgctact	atttctncta	nggntccnecg	ctattttnttc	cnactttnctn	720
ccaanannnat	annntanaaa	atnntccttc	taacnttnecg	gctantctca	tctctnnctt	780
anntnnnnntc	agcgacanat	nnnnncnctnc	atatanatnn	ctcangtann	aantttctnta	840
tntntnccct	nananacacn	ntctntnnaa	nttcttcnnt	ntcttantnn	natantttcn	900
ntntnttann	natacnaact	antntnctn	ntntnctnt	nnnatatcca	cctntannnn	960
cantntnena	tanntctnat	tnaatcnct	tctacancct	annnnntcnn	ccntttnta	1020
ttcnctttct	gnngaataata	tcnatattct	nctntannna	atttntttct	ntcnctctnc	1080
antataatat	tttngggggn	tntctnatna	tntnctctnt	aatttttncn	nnntnctntt	1140
annaaacctt	ggngaaatta	atctcttant	catntatnct	nnnggnnatg	tacaccaaan	1200
ttngggttnan	nttntnttct	tcantnntaa	nnngnn			1236

<210> 4527

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4527

tgntttcta	anttgctact	tggtcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaaggt	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaag	tgatactaag	aatgaggtca	atgggaccag	480
tgaagacatt	aatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540
agatcagaca	gaggactact	gttcgaagat	ttttggaaga	atactgagaa	cggcataaag	600
tgaagatcga	catttaaaaa	atgaggtgaa	agaaagctnt	tgtggcatag	aaaaagtntt	660
aagctcaant	agttttttta	ttattattat	tattaaaagt	tattcaggac	tgatgtgact	720
ncngatttna	gaacatgtgg	taatagtnta	nt			752

<210> 4528

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4528

tgntttcta	anttgctact	tggtcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaaggt	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaag	tgatactaag	aatgaggtca	atgggaccag	480
tgaagacatt	aatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540

agatcagaca	gaggactact	gttcgaagat	ttttggaaga	atactgagaa	cggcataaag	600
tgaagatcga	cattttaaaaa	atgaggtgaa	agaaagctnt	tgtggcatag	aaaaagtntt	660
aagctcaant	agtttttttta	ttattattat	tattaaaagt	tattcaggac	tgatgtgact	720
ncngatttna	gaacatgtgg	taatagtnta	nt			752

<210> 4529

<211> 1017

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 4529

gntttcgaat	gctgggagag	ccgatngngg	ctggnnngcg	cccaannaag	ccctttggga	60
aaganccgng	cgngttgggn	gagnngccan	ggggagnaa	aggannnnngn	gnggaggngn	120
gggggngccn	cngtttagng	acagacncng	gggagaaaac	gggggcgcg	gcncggagag	180
cggggngann	atgnagggga	ncggnnagnn	nnnacagcng	aaagggncng	naagggggag	240
nntaaggggn	ncnggncncn	anacncgagn	gtangggcnn	gncagagccg	cngaaganag	300
cgannccggga	ggcncggggn	gnggggggca	tggccgngnn	nnngnggnag	ccnagtnagc	360
gggnagaggg	nangggcgcg	gggggagnng	acngggggan	gccnngcgga	nggaatagna	420
gggggagggc	nnngagggg	gncggngagg	gggannccnn	gcgnnggggn	nagnngacgn	480
ganaccagng	nggccgggga	ncgggaggnn	gggggncenn	ggggccggna	cnggganggg	540
gaggngngng	gggaggggan	gggggggcan	ccggnacngg	nnggggngng	gggggacagg	600
ggngangagg	gngaggnccg	cgggngnnng	gggggaannng	gangnggggg	ggncennngg	660
nggngngggga	gngagagggg	ganagggggg	ngagccnggg	nnnncagggn	gnanaggggn	720
ggngnnnagg	nggcgngggg	gaggagngng	ggagnganaa	aagngannng	cggggnnnnnc	780
gggggngnng	gagancagnn	gggggggcn	cgngaaggaa	agggcggnnn	agaggngcgc	840
nggggggncn	ncgggggagn	cnggacncnn	ggnggggcn	annganaagg	gnnggggngn	900
ggngggannn	gnggngcggg	gngnncgcgg	ngngnggggg	ggnggngggg	acncnggnag	960
ngnnngnggg	ggcncagnga	ggggnnacac	ncncgggggg	nnagnnnnnc	gggcgcg	1017

<210> 4530

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4530

ggaaaggggg	ngnnntttct	aaaggngcct	ttcaaatnct	tggctactcg	nctctangta	60
ggatcccatc	gatgcggaat	tgggccacna	ngnnaggnag	ggnttgcan	ctggngtnt	120
cactgataca	ngcacgcgng	tatgcaaagg	aaggaaggga	gcttaatgcc	angaacagat	180
nttgagttg	gtgggtctc	aataaangtt	attttccact	gaaaaaaaaa	naaaaaaaaa	240
tngggcctct	agaactatag	tgagtcgtat	tacgtanatc	canacatgat	aagatacatt	300
gatgagtttg	gacaaaccac	aactanaatg	caangaaaaa	aatgctttat	ttgtnaaatn	360
ngtgatgcta	ttgctttatt	tgnaaccatt	ataagctgca	ataaacaagt	taacaacaac	420
anttgcatte	attttatgtt	tcaggttcan	ggggaggtgt	gggaggtttt	taaattcgcg	480
gcccgcggcg	ccaatgcatt	gggcccggta	cccagctttt	gttcccttta	gtgagggtta	540
aattgccgcg	cttggcgtaa	tcatggtcat	angetgnttc	ctgtgtgaaa	ttggttatcc	600
cgcttcacaa	ttttcacacc	anccattacc	gagcccggga	agccataaaa	gtggtnaaag	660

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ccctggggggg tgcccttaaa ttgaagtga gcttaacntc cacaatttaa atttgccgtt 720
tgengcttna acttggeccc gtttttccaa ttcggggaaa aaccttgtn gtnncccaac 780
ctgccttttna attgnaatcc nggcennacc 810

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<210> 4531

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 4531

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ntgngggggg gaggggtctac natnnagngg ggctnncnt gctctccgna ncagnccggc 60
ggngncgaat tcggcacgag ccaagnaata cctnggtaaa tnttctaacc tnatantgta 120
tncaggggttn atggctcatt tagnttgaga gtgtaagag actggagttt taatccaata 180
ngngtgcctt ttggttctca gatatacata caagctgtga ttgttttagat gtttccatct 240
ttttatatat gcatatacat attattattg gtgttnttta ttttnaggaa ctgaaagaaa 300
atgggtgaatt gctgcctatn ctgagaggag aaaattaata aatcttaaac ttggtgcccc 360
actattgtna gaaatatcta attacattgg gagcagntca tgatntagtc ctcagaaatg 420
gactaggaat agaaaattcc tgctntctca gatacatgtt ctgtgtattt ncaatgtcgn 480
gctaaatnaa tgtatgttac attttttttc ccnccanaaa aaataannaa aaaactenga 540
gcctcttana nctatagcga gtcgtattnc ggnacnatcc agacatgata agatacctnt 600
gatnagtntg gnccaaccnn acctagaatg caantgnaaa aaangcctta ttcccgnaa 660
atthtngan cgctntntng cnnaatttn ntaaccctt ttaannccg ccaaattaan 720
ccnanttttna cccaacnnnn ccnaatttgg cnattccct ntctnacnng tttccaagg 780
cttccaannn ggtcggnaag ntcttttnga aant 814

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<210> 4532

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 4532

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ngaagnnnn nnnnnnngtn ggctntctaa tntngcnaa nngctggtct actngnnntn 60
tcncantat ccctnctaca cgaatccngc acgagcnatg atgnanatcg anatinactc 120
tngttgatgt atatatttta ttnacactgg aacagctcac ncctcancn tcttgctca 180
nnacctggat ngatnnccgg ccncatatga gcaacttcat tgcagaantc acctgtaggc 240
ctgacagcct naaanagtnc cctttattag anagtantnt gncnacttct gatctgtnat 300
ctttatgtna agcatgtnta ttntgnacan catatacttn gantnctctg ncctacngca 360
tattctaattg tncctangnn tataaattgg nggtgccaga ncancnnnt taaatttang 420
ccngttntat taataattga ncctagatct nntctaatec taaaatnaat cnatgtattn 480
cctgacctgn tntttattca atctgtttat gggaaagcat catgcancct ttacaaatta 540
tntnntcacc tctncacngc nagctttctn nntcnnnnaa gtnggggcta tctgantatn 600
gtccgcatcc cttgacnnnc tagntntccn ttnaattatc nctggataca ctgtggngcc 660
tagttaaann nccatncctt tcnangtgga atngnggnaa agcgcctnnn ggggancatg 720
gantttcaca aagcctcgaa ngccccacgc ctngacgaat gcaaattccn angnttgttt 780
nn 782

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<210> 4533
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(867)
 <223> n = A,T,C or G

<400> 4533

nttttcnnng	ttggngnnnn	ngnnggggtt	tctaagtng	ctaattggccg	tggctactcg	60
ttcttnccgc	acgcagnncg	gngnttcgaa	ttcggcacga	ggtectnntn	ntttnttng	120
nngetggng	gnaactctnt	attnnantgt	ccggnagaag	gatgggngtg	ngaacanggt	180
ggncnctgtg	cnngetncag	ctttcactcc	ggnggggntc	natgctgtcn	nggnccgcac	240
gnaactgcan	gnncacannc	ctggcctccc	gaggcangca	cagcaagtgt	gacgggactg	300
gaagccnttt	ncacgacctt	gnatgngctg	gtcacgtcac	agtcantggg	tgccactcta	360
caggetgttg	gggatggntn	ancaggggna	cactgtgcat	nactaacagn	cacctgngta	420
tgtgntgent	anateccggg	nctggnnnaa	cctccngetg	ntcccatgca	ccacaagact	480
gccantgtng	anttgentga	ntccttnctg	cnnnttttcc	ancnatgana	anctcctccc	540
tgcggttcnc	nggaccngtg	naanantccc	gaagcccctt	ngcatggcnt	nggnttggtg	600
accnncccg	ccttttnancn	ggcctncnc	ctanacgggt	tgntancccc	nnttctacna	660
tccnggctc	nttcnncnt	ttcnttcata	aacgcctgc	gtccttncac	ngtcggnttn	720
ctcggggnc	ntnctctcn	ntggggngnt	tcccnccct	cctcaaccct	ttngnccccc	780
tggattntac	ctanngttcc	cttnaaattc	tnnnccaacg	gccccnctnc	ccnccgccc	840
ngncttnenc	cgttnactn	acnnccct				867

<210> 4534
 <211> 1038
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1038)
 <223> n = A,T,C or G

<400> 4534

ncccttnct	gtagnccnnn	ccannngnc	tttctaaten	nggngngg	ctgganatcc	60
naaanagacn	ngccgggna	nttngggg	aggngngng	ggggctgnnt	tgnnctnnaa	120
antgngngta	tcagnacntt	cnacgcntn	gancccgncn	ccatantang	ggccnngnan	180
acctggcca	acantngcn	ccaccatgnc	tnnnccncc	ttgacattnt	nacnaccnnn	240
ctgaancnnt	ccnctncc	ctaccctacc	accnctgct	cnaantacan	gcttnagnnn	300
ctnccctag	nctgncnnc	cntntatcnc	nanagngact	aactcnnntt	nnaccagnan	360
nnnacnncnc	nactctgect	nccatcggtg	ancctanntc	tactcnacga	tacnncttn	420
acctcatca	catcattctc	tccctgatnn	ntnagtnncc	caaactacnc	gcccacacg	480
nctgtgcntt	ggtnccecaa	acnnccnccat	gnccnnnaaa	ntcttnncn	cnctnngcca	540
nnccaccncc	naacctnac	cntatttcc	ntctccctnc	naanaaacgt	taaaccnccc	600
taaaanatnc	cccctatccc	cnnaaannc	ntaccacctc	nncggcnccc	accccnccct	660
cgnngacana	anatctacct	tccgncacna	caaaccctc	ctccanttnc	ncnccacn	720
aatntncaac	tttanntcna	acctnnnccn	tnctanntcc	cccttcenca	nnccccatt	780
tncttttcaa	aanctccctt	ancccnnaacn	tctcccccctc	ctaactaata	tentcctctt	840
gcacantcna	ccntctaatc	atencaccac	tnnccatnca	ctccttcaat	ataccnttct	900
tcttcnnaaa	anttncctn	tnncanatt	cctntcnntt	ctaactctct	cntctctctc	960
cctnnancac	ntctctctca	nccgtctatn	ccacttctct	ntnccnctact	ctentccnca	1020
ntcccaaan	ccaccct					1038

<210> 4535
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4535

tccccaaaaa	agaatcatt	nggttttggg	aaagaatacn	nantcagnaa	ctnttcnggt	60
gtgtggtgaa	aatgtcaccg	tgtgtggnat	accctatctc	ctggctacaa	gacctgattg	120
aaaangaaca	gtgtccttac	accagtggaa	natgagtgc	tcaaagactt	tgatgaaang	180
gantntcang	agttgnatga	gctgcagaag	aagttaaata	ttaacatttc	cctggaccat	240
aagagacctt	tgattaaagt	tttnggggaat	tancnttaga	tgtgatgcag	gctanagatg	300
aaattgaggg	cgatgatcaa	gagaagatnt	gattggccaa	aagaaccagg	aatcccggnc	360
cagattcgtt	ttnantgant	ttataggnat	ggcancnttn	atggacnaat	aaacacttct	420
tcattttgtt	nttaacnaaa	ntgtncenn	ttttgaaact	cnttngggat	gccanagggg	480
aggnaaaacn	ntaagncctg	tttcccccaa	aaccngnant	anancggttn	gtganaatat	540
ntataattgg	tngtcctttg	nnttctcttc	nngngngngc	anaaananat	tntttggncn	600
ntgcgntgtg	ngnccecttt	cnaaaatctt	ttgattngcg	gagngngnna	nnnnctctaa	660
ntgnntttcc	gtccctttga	cncngaant	ttgtgggnnt	ttggggggcca	ttatnataaa	720
ttttttntna	gntcgggtgg	aaaaatagnt	cnccttctng	nnaaaanata	cnttccttna	780
ggntntnaaa	aaccnannnt	aagnnngcgg	ttanaaannt	gtnaannact	agagnntnnn	840
gnatncttnt	tgtnntatnt	annnnnnngn	ttngncnggn	tnaaanttnn	gccnctncnn	900
attttantnt	tatntaatcc	ttntnnggan	nn			932

<210> 4536
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4536

atacactgac	cttgcccgt	catctgagag	atgaccctgc	aggaatacca	ctatgtccag	60
gagaaggctt	ccaagctagc	tgctgcctgg	cttactcctg	gccctctaca	tgaagaagct	120
cggatactgg	gttcccttcc	tggagcatta	cagtggctac	agtatctctg	agcttcaccc	180
cttggtcaga	cagctgaaca	aactgctgac	tttcanttct	tacgatagtc	tcaaggctgt	240
gtattacaag	tattctcacc	cggctcttct	tgaagtgcgc	aaaatncctg	ccttggatat	300
gttgaagctg	gaggagattt	tgaactgtga	ttgtgaggct	cacggcctgg	tactctacan	360
cagccacagg	gctaagcatg	catgttaaca	gggtatat	attctatgtt	cgaatttgct	420
ttttgatcgc	tcanattcat	tttncctttn	nttgcttttc	ccaaactggn	aatgggtataa	480
atatctatgt	ngcttggttt	tatgaaagga	aannaaattg	gcanatttga	ctncaaat	540
aattanaaaa	ttnatgggtt	attggttaaa	aaaaaaaaaa	aaaaaaaaaa	ctcgancctt	600
tttaaaacta	taaagaggtc	gnaatanccg	gggngggcng	gaccatggan	aacaaacatt	660
tnctgaagn	tnccggccaa	accncaacgt	ngnatggcaa	tngnaaaaaa	aannccttnt	720
tttgggaaaa	nttggggang	caaagtcttt	tattgccanc	nttttnaaac	tgccaataaa	780
caagtttacc	ccccncaatn	gctttcantt	tatgttttnn	ggtccngggg	gagggg	836

<210> 4537
 <211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1039)

<223> n = A,T,C or G

<400> 4537

atggnnnnnn	nnnnnnnttt	ttttggaaaa	aaannnncccc	cccttttttt	ncctnaaaaa	60
attgggcent	tttggggcaa	aaantttngg	ccctncttcn	tnctttgggn	tnttgnnnat	120
ncccccnaatt	cgggnatttt	nccggaaaaat	ttccggggcc	naccggnagg	gggnattagg	180
cccttttnana	nagncccaaa	nggtntntta	cccaaagggn	tataattttt	aaaggnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tgggaacttg	360
aggtntaaac	tggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcatcc	tcgattttata	ttgcaagngt	ntcaaangtg	tcactggnac	480
acaaatagaa	acactgccaa	cttggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcgatgatcaa	ttttntgggt	atntattata	ctttgattcc	600
taaattagtn	catccttgaa	tctatgaaac	tggtgcagtc	attatgcccn	naaatnntct	660
naaaatata	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgcagcat	720
tnttacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaangg	gatatgtaat	gtcataana	aatttgggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannnnnttc	tgatttttga	antnttccan	960
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cctttnaaaa	aaanncttat	1020
ttngctagn	aaacntnc					1039

<210> 4538

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 4538

ctnnnccctc	ttgatccntt	cctnctttga	anncatnngc	tacttgttct	ttttgcagga	60
tcccacgat	tcgaattcgg	cacgaggctg	acctacatca	gaagctgctg	gatgcagnaa	120
agtgaaaaca	gaccaaaca	acacngggcg	aatcttnaca	ccattntggg	tgcennatnt	180
nnccnnngat	atttgcttgc	tnagctctac	tcctccaaga	nannangnnt	caaacnctnc	240
agcangntag	agcanntnaa	gaccgcntnt	nctnacctnc	tnaagannct	ctgngaggan	300
cgcaatccct	tngtggaana	tagaatcaac	agaccacact	gcncctctga	ccatgngctc	360
tcaaangngc	tagaagggtg	tgaccttttn	agactcttgc	agaagaggcg	angtggtgng	420
anaccctnna	ggaanacttt	cccgaactag	accnennctt	ncngaacnng	ntcaactggt	480
ggggnnngaaa	ncntgtgann	tgtnngcctt	cngagagacg	gcattattcta	tgatggcnga	540
cttnatnctt	ctgcggaacc	anactngacn	tactgaaaga	aanctganac	caagcgtctt	600
ccttaaggac	ccttatatcc	agacnatcct	ttggataata	ccnctnggcc	aaaacctnnt	660
aactntgcat	acaatcngga	tggcaacatt	tgaactggng	gccttnanna	ccnttaccgg	720
cttttcncat	tatgnaagag	ntn				743

<210> 4539

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4539

cccncatttg	ccnnncacat	ggggnttttc	caccccgnrc	acgtgggtggn	cgcccanncg	60
nacnagcang	agcctacnan	tcggaacata	tcgcctttat	ngtccttaac	anaganntnn	120
ntnnntagnt	cnattcantt	atnaccagc	agatccttaa	tnnaggcccn	tatattnctt	180
acctnattag	aactntnnnc	aaanntcaac	tgnntnacct	taatgnntng	nagcacntnt	240
nacagnngna	cttaaaactn	tanaatntcn	tnagnnnncg	ttattctcca	ctgaaggncr	300
ntccactgtt	caccattttca	ngcatcatca	ctatgattct	ttcancanga	ctntggcncg	360
gnttgncact	gatctntnnc	cnaatggcna	acnagctgna	tnntcnnttg	gnctcnctta	420
taggaacnan	caacactagc	ctactgnatc	atgatntccg	anaactgaac	catgaacact	480
gccatctnnc	catgntacct	gcatnaagaa	nttcacntca	ctctgaaaca	tannatgact	540
gacntgganc	tnactaattt	ctgagaactg	nnnntcaaan	naccactta	atngggntca	600
ncatnttggn	acncttgnaa	tntaanntna	nnnaaagacc	nnnnttgant	ngcccncatt	660
ttannttngn	ccataataan	ngngccacnn	ncctnaannt	cttcaancan	gnaaaagntt	720
ngcaacttnt	tacnacctct	ncttccccnc	tnnatctaant	atncnnnata	taccacttan	780
cccagaatan	ctacncccaa	nccanncant	caccncccca	cnattttatc	tcacanttcc	840
ncantccct						849

<210> 4540

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 4540

gnnnnnnncnn	cnnntgggng	nttggtggggg	nttttnnaatg	ttgcnaaaan	gcctgggctac	60
tcgttctttc	cgcaanancc	ntcggttcga	attcggcacg	aggagacca	tgcaaagcct	120
gaacgaccgc	ctggcctctt	acctggacag	agtgaggagc	ctggagaccg	agaaccggag	180
gctggagagc	aaaatccggg	agcacttgga	gaagaaggga	ccccaggcca	gagactggag	240
ccattacttc	aagatcatcg	aggacctgag	ggctcagatc	ttcgcaaata	ctgtggacaa	300
tgcccgcata	gttctgcaga	ttgacaatgc	ccgtcttgct	gctgatgact	ttagagtcaa	360
gtatgagaca	nagctggcca	tgccgccagtc	tgtggagaaac	gacatccatg	ggctccgcaa	420
ggtcattgat	gacaccaata	tcacacgact	gcagctggag	acagagatcg	aggctctcaa	480
ggaggagctg	ctcttcatga	agaagaacca	cgaagaggaa	gtnaaaggcc	tacaagccca	540
gattgccagc	tctgggttga	ccgtggaggt	agatgcccc	aaatctcagg	acctnccaag	600
atcatggcng	acatccnggc	ccaatatgac	gagctggctc	ngaagaaccg	anaggagcta	660
gacaagtact	ggtctcagca	gatttgagga	gagcaccacc	agtggttacc	acacagtctg	720
ctgagggttg	gagctgctga	gacacgcttc	acagagcttg	ngacgtncag	tccaatc	777

<210> 4541

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (890)

<223> n = A,T,C or G

<400> 4541

anttttanct	tgacccttc	aannangatg	aacataaagc	tcttacgttc	ttgaaaggat	60
naaacacaag	aataagatgg	ggtncagtg	accagctcct	ctacctgggg	tcattggagga	120
ccgaagaccc	tccaaccttg	atgcctgtaa	ggacaggcgc	tnctgtaagg	gatcaggtgt	180
aaagaatctg	gccatagctc	ctgtacaaag	cctctttgtc	tgaagtactt	gggtgctctt	240
tgacggcaag	agggaacaca	acctgtccgt	ggctgcttgg	acctcaccac	gggggctcaa	300
gtggacataa	catctatttg	acaggccctg	gcantcacca	ntgggggtgtg	tgtggcagtn	360
gctgtggggg	gtgagaatga	ctgccaacag	gcacttctca	acaaatgacc	tnngctgttn	420
acattggccc	tgaaccaggg	angaaagnag	agggaccaat	tggagcctt	tgttnccanc	480
atttccttct	taaaaaagg	gaganacaat	tttaaaggca	cngttgttat	ggaatttggg	540
aattaaaagc	aggaggcttc	aaaggggtgg	tttcttgann	tnaaaggaac	acaancccg	600
ngggggcttt	tgnggggttc	naccannag	nccttccctt	ggggcangan	ancacncaat	660
ttngtnncct	nattgccatc	nnatttattt	gccccctttt	ttnantannt	tggtncccca	720
agaaattaaa	tnnntggtnt	tattaaattc	attttgttng	cttntttttt	tggttcgggg	780
aagntntttg	cntananacc	ccccccaaa	gaataattga	attgggggtn	ccccttgcan	840
cctatttgat	ttnttttaan	gcctgtnaa	aaangncttc	cccancctt		890

<210> 4542

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4542

ngggntccnt	tttngaaagg	nctctctttt	aagacccttg	ctacttgntc	ttttngcagg	60
natcccatcg	antcgaattc	ggnnccgaggn	tggccaggan	ggtctnaatc	ctgancctca	120
ngaggnggng	gantgagtn	nagaanngcc	tgtcgnangg	agatttgggt	agaagccctc	180
atgctgagct	ttgtgtccct	ggtgatgttg	gaacattaat	gatggaacat	ggccaaactt	240
cagtcagat	cctgaaacca	tggcttcagg	atcatgactg	acgtcatggt	ttcttccctg	300
ccagaaatga	aggttcagtt	atgaggcaac	cctctagtaa	ggcattgtaa	aagttactgg	360
atttggttta	ataaaaagtg	aaataaagtn	anataanatn	aaanaaaaaa	ctngagcctn	420
tanaactata	gngagtcnta	ttacntacta	tccagacatg	ataagataca	ttgatgagtt	480
ttggacaaac	cacaactaga	aatgcagtga	aaaaaangct	ttatttgtga	aatattgtga	540
tgcctattgc	cttnatttgt	acncattntt	aagctgccat	anacaagtta	tncaaccacc	600
nanttgcntt	cattttttatg	ttttcatngt	ncatgnngga	ggntttgggt	aggtttttta	660
atttcnngc	ctntngctcc	cantngnatt	ngggccccgg	ntcccnant	tttngttccc	720
tttacttgng	ggggtaaatg	ccnccctttg	gngnnannna	tggnnctacc		770

<210> 4543

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (861)

<223> n = A,T,C or G

<400> 4543

tnngntntnnn	naaagnngnt	ctnctctana	gntgannttg	ntgntgaacc	cactntcccc	60
cannaancnn	gcgngncgaa	ttcggcacga	gcctantaen	gtagncttgg	agcatcacga	120
ttttttnnna	ngcntgcate	agtatactgg	aggacctnct	ngcnctgcng	gacanagacg	180
tccnacagaa	tnnnngaaaac	ngtgctcagg	actanannct	gaccaacacn	cgtgcacana	240
agcaaggaan	tagggcngga	nancnantnc	ngnggcntnc	agctctgncn	cgcannatnn	300
gntanctnnt	gacttanctg	ganancaatg	aaggnnctna	accaaagtnc	ccanggggac	360
atnganaaat	agcacnangg	gccttgatn	ggacnntacn	cnntnccnaa	cntggntnecg	420
gggntgnnac	cntgggaaag	gagccttctg	catnnncnnn	cgccntaccc	atgancnccn	480
ctntaccang	gctntgcccc	ctgagccaan	cncgctgggt	ntgctgcnaa	ngnaanaanc	540
nanntctnca	gatatggacn	taacctngca	aatntanaaa	ncttgccaat	ttcnattttg	600
ccangatccg	ncnannccac	aatnctctct	nnaanagaat	cnccacncc	ccncnagaac	660
ctcngnaaaa	cattnnngnc	nccnctnng	nagctacaat	tnnctctcan	cctagganac	720
cncnntcgct	atgcncnccn	cttaccnanc	ctantctnnt	cgnancttac	ccnnntttac	780
ccntnnggca	tttccccnnc	accnttgnat	ttnanannatt	tccttctnng	ganatgcaat	840
tctcntngnc	acccaacaac	c				861

<210> 4544

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4544

tgtgngtgct	taagcagatt	gctatgatgc	atgtccataa	aacagntttc	tttctgttct	60
attgtggagt	ttttctgggg	ctggaaaaca	ttcttttggt	atttccaaac	actgtctata	120
attaccagac	atgatataaa	cacataaggt	gccaactgga	atttactcta	gaggggactt	180
tcctctctag	acttccagtc	aactcacact	tgtgcaacaa	agtgcattgt	gtcccctaaa	240
tatgcaagca	gaactgtgtt	tctgcctatt	tggtatctat	agtcctctac	agtcacttct	300
agagagacta	aaccaaattt	ctaccaactt	cacagggcaa	caatcaatag	ttttatctca	360
atgactcttg	tatcttcaga	ccttaaactg	attcagagac	catggggccc	acaaacctaa	420
tcaagagtaa	cgttttcatt	gagtacacat	ttcagacatg	agaatcttca	ctttccccctt	480
ttttctcttg	gtaaaatgtt	cacaaaatgt	gcaggtaaca	cctgctgggt	actncagcca	540
ttcgggcccc	taaatctgca	gctcttcatt	ttggatctag	gtcttgagaa	tttgggaaat	600
agaaaaattt	ttatctaaaa	atgcaagtct	tttgggttat	caaactcaga	cattgaaaag	660
aaaagngcag	ttacgccttt	ctnctcnttg	aaanatgnat	tcactctntg	gaactgggtc	720
acttttggcc	ncaagttgat	gtntattaaa	ctggatattc	cacattggac	actggatctt	780
atccctaaac	cataatgana	tatgtccaat	cnt			813

<210> 4545

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 4545

tgggttttca	ggngccccctt	tnanacggnn	gcggcctttc	gcctnnncgn	aanagccccn	60
gcgattcgna	gacngcnnga	naagtgnenn	angtnncttn	ntnatggtga	ggacttttatg	120
nanctgangan	cantnchnngn	cntgantatt	ntcnncnnnt	ggnaagatng	cacgtgtntt	180

ancctgatgc	cagntggngn	tatcccntnc	nennnttntt	nnttcacggn	gaacnnnata	240
natngannag	aatggnatca	gagaaggata	ctcactntgc	tctcacngat	tagcggcgat	300
tngentgate	ncngctgnca	tgnaaccnt	atctctgngn	ttcangcgac	tgannngtga	360
ncaccncccn	nctagntgnn	acnnatnnca	ctcctnngac	tntccngcaa	cntnttntnn	420
ctntnagngn	gtnnncngnn	ttncaccggn	nnnnccncnn	ttngnnncna	tncttttnac	480
cccnnttggc	nccacannan	ctncctttgc	cataaannct	ttntnttacc	atgannngga	540
ttncncnctt	ttngnctnna	tcnctntna	attcaatncn	tanncnntta	tcnnccntt	600
tttcttngt	ccnttttnt	gnngnantngn	ctgggaant	ttggtntccn	cctanntnga	660
antcngcctt	aanatccttt	gggtggacnt	tgggcangnt	tcttctnggg	gaatcccttt	720
ttnatggaat	tggccttnaa	ggccnnttgg	tcttccttgg	caaccntngg	ggtngggcct	780
aaaatgggcc	cctnaanttn	tttanaatnc	nnnnnnant	actnttttcn	ncctccaacc	840
nntttaccgc	gttgggctct	taacccccag	gntgggaatt	tcaaaatttt	taaggnttcc	900
ccatttnttg	gaaaacctta	ntttngggac	cccccattn	gggctncna	ttttnggaat	960

<210> 4546

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (816)

<223> n = A,T,C or G

<400> 4546

tntntttgga	aaagggcagt	gtctctaaac	ccaggcacaac	ggtaaagtgt	gggcatanca	60
agagggccgg	gtagtggcca	cttncccatc	atgctcgntt	ctcattttgt	gttttttagt	120
agaaaaacac	aggggtgttct	tttgcccaga	cattaatctt	tagaatgcct	gtnttttcta	180
atgttgggat	ttctttcaca	accaccacc	ttaatatctt	cattgngact	caganaatca	240
gacttcattc	gattctntag	agaactataa	atactgttgt	cagtagaagt	gaantcttgc	300
ttatgtaatc	ctaattcaga	atgtgttctc	agaagaggta	ggcnnggacc	ananctgggc	360
nagaccacag	gcagaggcca	aatccnnccc	cctgccgnta	gnagctaata	tnagttttac	420
accacttgt	tcatgtatct	tccttggtta	cttgtgggca	gcaatgccag	agtcaagtca	480
tcataacaga	nacagaatgg	cctggaagct	ggatttacta	tttcaacttt	tacattaaaa	540
cttgatgacc	cctgtgctag	acaggcagct	catttctgcn	ggtaaaatta	tatttcatct	600
tccaactttt	catttccaaa	atttgaacct	atattactgg	aggcccctta	cnnaagntaa	660
anttttcatt	nttcttttgg	ggggaaannc	tncagaaaaa	nccctnngcc	cntttaaaaa	720
cttnnatgng	ggtnnnttac	ccntgtccca	cnctggaagg	tcctnngggg	nttngggcaa	780
anccccacna	nnngtgcccn	gaaaaaatgc	tttttt			816

<210> 4547

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4547

taggagtctg	aaggcctcgc	tgctttctgt	gatggctttg	cagtaagtgc	cgcctggcct	60
gcatgcattg	gctaacaggc	tgcagaatgg	cacngaagga	ctcgctcgag	attgtcatgg	120
ccagagatca	taggtcactt	naggtagcaa	gacccctgnc	aaactgggca	cttggcctat	180
gtactgattt	gtgggatggg	ggcaggggtg	tggggtectt	caccctgcct	gaattctctt	240
tggcttctgt	gctctgtatg	ctgctgtccc	caagggtctt	ttcttattat	ggcagngagt	300

```

ggggattggt cctactttct ttctctggaa anggaaagcc tccaagactc catgtgcttg      360
ggcagcttga gaaggcggtc ancaccacgc ctagcaggca gaccttgaag cctcaccttt      420
antntatctg caagagggtat tcanttcctg gcacaaggga ctaggggcat gtanagtata      480
tgacgaggca atatggctgt gcnngacctt catttaactt caattaatag ggaaaaatta      540
ttatactcta tagatcctga aagggttcta agattaaaaan catccttatt aaaatcttct      600
aaanaantct ggaaagaaac acctaatacta naaaaggctt gttnaaaaaan ccacagnat      660
gggttnttaa gaagcaaacn ccncagcatt tccattttaag taaaaactaa ccaaggcagc      720
ttttatttaa gaangntccg gccttctaac cctgcacaag ccnatgagga catatggaaa      780
at      785

```

<210> 4548

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 4548

```

gngcagctct tggtcttana gncaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcgcccc nagctgtgng ggacacattc nnactgcggc aggacntgtn tgctgnctna      120
tcacnttgac ttgtaatagc attaatnntc aagcgattga tnatnataa nngncattct      180
agcatngtnc atggcngann nentcctggn anatgntaac ggtcttgcn nctgatnct      240
ctatctgnac tgggtctctg gcangggcct gatgnatngt anatactcgn tangtactnn      300
ttnngttntc nggggntctn tcatgnnnng natnnnagca cccangagg nactacactnn      360
caagaaaaaa tggtnngctn ntacngagct gtnaagaacn ntggaaacntg ctatcctgan      420
gccnctnaac ttcacatgag gatgcctanc ttgtatnnat gttncnttnt gnnntaaccct      480
atgatctgan tntggacact aagancnntg tcatnggctg agngggctnt gaagngnact      540
cntaattatg acnctgggat ntaaacgggtg ctcacattgt cttgnanggn antttttcaa      600
aaanggattt ncgccttttg gncctntggg aattttaatag gcaanaagtt ttggccntaa      660
ttgccanang anganancct ggantgctaa ngaacggcnc tnttgccctn nggatggnc      720
cctaacttna aggg      734

```

<210> 4549

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (621)

<223> n = A,T,C or G

<400> 4549

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tgnggggcna ganaccgnt ngggctgcaa gggccggctt gaccnaccgn atnccggggc      60
ananatgcct gtcnagnncaa caaaggaagg ttgtnnccgt ttacgcctat tgggtgaaaa      120
aancccnttn tngaaggctc atcctcaaan ngcnnntngc gttccccga ctggccgttt      180
atncaccnct ggnaagagg ganttnattn naccgctct tttttanaag annnnaaagg      240
ttcngcatnn tggggcnnnn gnnacactg gctttgaana gcnanagctg agtgacatcc      300
accagatnc aaaatggtna catgtcaact gtggccgaaa acngggccgc actgncccat      360
ccgctcttcn ggagnttgtn ggccctttat ncgcacnaaa ttgcagcctg ccggatactg      420
tattcacaca ggctntgagg ggggagggat tgtnntcaga atgcattaag cgcnttnaat      480
agcctgcntc ngttgctttg tcaantggtc ttnacatgaa tgcccgtccc ctgaatatcn      540
ngtaatcatc tatcnacct gggatcgcaa nncgttaaaa canaagggca agtgacggng      600

```

gtcgtactgn gnaagagctc c

621

<210> 4550

<211> 971

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(971)

<223> n = A,T,C or G

<400> 4550

```

nccncttntn tntagggngn tngtgggggt tttcnaatnt nngctaatagc tgggctcntg      60
nnctttntgc aggtatccca tcgattcgag ngatgcactg ngantacacg cnctaaaaat      120
cgcagtcctg gccanaagac gttatgggca ttgtgaggga ctgggggnnt tggctcctntt      180
tnaggggctg tnnggactca aatcgggtgnc tggtttcaca catatgtgtt ggtttgtggt      240
ncaacttctt tatctganaa cnccagtgat aaancattga tgntactgac caatctaaac      300
taccatcttg anagagtngc anctgaaant gatgcgatag gcgtgncaag tatctgatna      360
cttcttttna gcatacgna naantgtatg ccngttacnc ttgnangata cctntgctnt      420
nacaggntca gtatntatca gtnngnacac aaacacatga acacattcng atanggctta      480
tttcacacag ttgaagttga tgatcntccc ctggagtgtc ctgntanata tgnncnngcc      540
tntangggna aaanaacccc aactgtcttc tntgaccacc ccnagcntnt ntncnntan      600
taatatttcn tncannngng naacgtnnnc naccgcctnn aatncctnnc cntcgnagg      660
naaaanccca nttnaananc gncattnnnt tgcactcccc ctcnnnnact caactnaccn      720
acactgggcn caannccctn gnnncacaac cnctttntnt tntctcacng ggaatcggca      780
atnctgcact tctctatccc tggncctaaa aaanattana tctccggnet ctatcnnttg      840
taagntcacn antctcctc nntancaaan cnanacnnch annntttnc aaatccttcn      900
tnncncnca nnncnnggng cacantntnn cngtgnchna actcntnggg gcnnatntnt      960
cncncnctn t

```

<210> 4551

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4551

```

tttgaaaacc cntttntttt naatcctttt ctttcaaata gttctngttc tttttgcagg      60
atcccatcga ttcgccaatg gatgcaggna aaactgagat gggatttccc cacgttgccc      120
aggctggtct cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg      180
tgcctggctg agatgacttt taaaaaaaga cttctctaaa gtagaaggaa ggggtggaatt      240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gagtgcgaatg      300
gcgcgatctt ggctcacgcg aacctccgcc tcccggttcc aagtgtattc cctgcctcag      360
cctcccaggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt      420
agtagagacg gagtttctcc atgttggtca ggctggtctc gaactaccga cctcaggtga      480
tccaccacc tccgctccc acagtgtctg gattacaagc atgagccacc gcgcccggcc      540
tncctgttcc agttttctat aatctgttca tattatatcc tgggtatatg tgggtggtgt      600
gattatccat gtggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt      660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcaggttacc      720
aatcttaaaa aaaacttant tcatttttaa aattaaacnt taaaatttnc caattccatt      780
tnaacattaa n

```

<210> 4552
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 4552

tcnttcagtt	attcggttcag	ctccttgntc	tttttgcagg	atccctcgat	tcgctcagct	60
cttccggagg	ctgaggcagg	agaatcgctt	gaacccagga	ggcagagggt	gcagtgagcc	120
gaggttgccg	cactgcactc	cagcctgggt	gaccgagtaa	gactgtctca	aaaaaaaaaa	180
aaaaagaaaa	gaaattgtcc	tttggttgcc	ttagttccag	agttgaatga	atgtacacat	240
tcngtagtgg	ggggggcaga	ccggataccc	cttccttgtc	tggttccttt	gaaaaaggac	300
ctccaccttt	caaaggtact	taaagccatc	ttttacagat	tgcttgtaat	gtaagggaaa	360
agaagtcatt	gtnccttggg	attggattgg	agggnaaaat	catcaaccac	tagccccctt	420
ttcaaaatca	gcgaagatat	ttngatgatt	aagtgattca	ttgggtatgt	tctggctact	480
gatgttactg	aaatctgcaa	tcngtatgn	tttttaatta	gttgcttttg	tatttgaatt	540
tatgacattt	cgaagtttct	gngcttaact	ctttttaatt	aattttctgc	acgtngcttt	600
tttctctttg	gttttaattc	catacagagt	attcaattct	tgaaaacaca	ttaaaaataa	660
tttgcttgca	aaaaaaaaaa	aaaaaaaaaa	ctcgaacctt	tanaactata	gtgagtcgtn	720
ttaccgtana	tcccagaccn	tngtaaaatt	aaaaaaaaaa	t		761

<210> 4553
 <211> 1281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1281)
 <223> n = A,T,C or G

<400> 4553

attttttaaa	ntttnggggn	naaaaatttt	ttcttttttt	tggggtccnaa	anattccttc	60
cggnccattg	gcccccttg	gcccnaagg	nttncggga	aaccttcct	tnaggnnnng	120
ggggaaatcc	ccccccggg	ggnggtttta	cccnggaaa	ggccctnccg	gnaaaaattt	180
tccgaccccc	nttaatnaag	nttntttttt	ttcnnttttn	tttaacaaaa	ttttccnact	240
tggggncccg	gttcgggttt	ttttaaacna	aaacggntcc	ggngngaact	tgggggaaaa	300
aaaccccntn	ggnggttta	ccccaaactt	taaaatnggn	ccttnggcaa	gcaacaattc	360
cccttttcng	ccagcttggg	cggtaaaaaa	cgaaaaaggc	ccgnanccga	atcgcttttc	420
caaacagtgg	ccaancctng	aatgggaaan	ggnccccccc	tgtaccngna	ccataanccg	480
ncgggggtgg	tgggggtaac	ccccaaacct	gaacngttaa	nttggaagc	ggccctangg	540
cccgttcctt	tcngtttctt	tccttccttt	tttcggcaac	gntanccggc	ntttccccnt	600
caagnattta	aatcgggggc	tccttttang	ggttcngaatt	taagtggctt	taacnggcaa	660
cctcgaaccc	caaaaaactt	ggattttang	gnggaatggg	gttcaacggg	aantgggggc	720
caatcggncc	cttgggaata	gaacgggggt	tttttnggcc	ccttttgga	ccggnntngg	780
gaaagtnccc	aacgggtaac	cttttttaaa	taaagtnggg	gaaccttcct	ttgggttttc	840
ccaaaaacct	tgggnaaacc	naaaccaacn	tttnaaancc	cccttaatcn	tttggggggg	900
ccttaatttc	nttttttggg	naaatttttna	aaatnaaaaa	gggggggaaa	attttttttg	960
gnccccgnaa	aatttttccn	ggggnccttc	naaatttggg	gggggtttta	aaaaaaaaaa	1020
aaatgggnaa	agnccttggg	aaantttttt	aaaaaccnaa	aaaaaaaaaa	attnttgaaa	1080
aaccggcccc	ggaaaaantt	ttttttnaaa	aaccccaaaa	aaaaaattng	gtttttnaaa	1140
acccggggccc	tttttaaaac	naaaattttt	tttccccctn	gggaaanggn	cccngggggg	1200

aaaaattttt tttttnnatt tcncccccntt ttttnaaaaa aaaaaaaggg ggggggnccc 1260
 cccccanaaa aaantttttt t 1281

<210> 4554

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (916)

<223> n = A,T,C or G

<400> 4554

tttgaan	ca	ctctng	ttcttntgc	aggatcccat	cgattcgcag	aaagggaaaa	60
tatgaagtgc	gtgctgggt	ttgctatcgt	atccacaggc	atcacggcag	tgctgctcgc		120
cttgattttt	gttctcagaa	agagaataaa	attgacagtt	ganctttnc	aatcacaaat		180
aaagccatca	gcagggtcc	ctnnctgctg	taccaccccn	gngaaaattn	gccaccctaa		240
ttttnttctg	gntcctttgg	nnggntgn	gctgacctg	ggaactgaag	ganctgcccc		300
tnntatgnan	ggcgnccaa	tggaatata	acccctttnc	ggcattcggg	ccatgtggcc		360
gtaccnttaa	tttggcctca	atctggacta	gngaaattat	ccttggcgng	ccaacaaaat		420
gactataact	tggggcagtn	ggtnccttgg	tentttcaac	canaagtnaa	aaattaatcc		480
tccggaatca	atcccatcct	tttccgggct	ctcttccaat	tcttntttct	ttntaaccat		540
caaaggggaa	ccatttgtgg	aaaangggnc	aatttttnaa	ncctcttggg	gggggagggg		600
tttccgaaga	aatcaattgg	gcaatggtta	ccattgcena	aaaacgcan	cttggnaaaa		660
gnaaacaag	caattggntg	gccantttgn	tcccaangg	taaccttgg	ttttccccga		720
atggcctggc	cttaccttgg	nttgggattt	cttngggng	gtcccttgg	aaccaaaaaa		780
aaacccctng	ggnttcccaa	tttnttnnaa	acccccgna	aattggcccn	ttntttaccc		840
tttaccaaaa	cctnggggtt	tttttttnaa	aatggggggg	gggggaaaa	cccccccaaa		900
aaagggggna	aaaant						916

<210> 4555

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (791)

<223> n = A,T,C or G

<400> 4555

gngtctccct	ttntttgaca	tcnnttggct	ctcgtctctt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagacctga	gctaggggtg	cagcagaaat	tgagttgcag	cttgcccttg	120
tccagacct	ttttctgctt	gcgtttttga	aacaggaggt	gcacgtacca	cccaattatc	180
tatggcagca	tgcatgtata	ggccgaacta	ttatcagctc	tgatgtttca	gagagaagac	240
ctcagaaacc	gaaagaaaac	caccaccctc	ctattgtgtc	tgaagtttca	cgtgtgttta	300
tgaaatctaa	tggaatgg	atcacacgat	ttctttaagg	gaattaaaaa	aaataaaaaga	360
attacggctt	ttacagcaac	aatacgatta	tcttatagga	aaaaaaaaat	cattgtaaag	420
tatcaagaca	atacgagtaa	atgaaaaggc	tgtaaaagta	gatgacatca	tgtgttagcc	480
tgttccta	at	cccctagaat	tgtaatgtgt	gggatataaa	ttanttttta	540
aaaaatcaaa	gatgatctct	atcactttgc	cacctgtttg	atgtgcantg	gaaactgggt	600
aagccagttg	ttcatacttc	gtttacaaat	tattaagata	ncttntttan	ggatantttt	660
ggtaccatat	ttgtgaaaat	tttttgnaaa	atgccttgnt	aatgnggntt	tttnaccncn	720
cnaagttatt	ttgtttgcaa	aacttnaatg	gnccattttc	cctttaanaa	tnggttttnc	780
ccntattttt	t					791

<210> 4556
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4556

ttntcnaaac	cttcaactcc	cgtgctnatg	caagatccca	tcnattcga	annnggcacg	60
aganacnctt	aantatacgc	tacggtntgt	gtgtgggtgt	nnatacnac	catgttactt	120
aatcnctttg	gtaccnnttn	cnttttgntg	gatccaaant	gnaaaccgat	gtntgntacc	180
ngnccnntg	gtnttaaac	tttttaaant	gananaacatt	ggatcttaaa	accctaagct	240
attgcacanc	ngcatttcac	nnccgacgaa	gcccgggtatc	ccctanacgn	tggggcactt	300
tcntaaatt	gaagntgnca	atnntatgcc	ggntnctnaga	tataangtgc	acncccaaaa	360
acgctttcng	ncttgtaaac	tcaacngcat	agttangcnn	gnncntgncc	gcncacatg	420
gtgaaacatt	ttnccttnacc	aagantaaat	gnccanggtg	cntnttaggn	acacttactt	480
tctccggnac	atccaattaa	cgntatttgc	ccgntgctgt	gcctgggnag	tttttatttt	540
atttatttgg	ggttgnaaaa	gcagnancag	agggagctca	atctngtttg	aaaccnacgn	600
agtgtcncca	ttgatacgta	natnaatnaa	ccgccnggng	gnntttttct	tttttttggg	660
cctggaaaat	gctgatnccc	tttgacaana	aaggnaananc	ccccctagcc	nactaanngt	720
cnccccattn	tttngggaaa	naagggggat	aaanaacttc	ccccccnngg	nggggagct	779

<210> 4557
 <211> 1259
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1259)
 <223> n = A,T,C or G

<400> 4557

tttgaaagc	cccttgga	gggtgcacca	nctgntgnac	acccgaaggc	ncntcccagt	60
ttgggttann	ggacnccng	ggngggcngn	aagggggaga	gcnaaacggg	gganagngtg	120
ttntttgngn	ggcaggagca	gggaanagg	gggggggggn	atnangngcg	gncnaaccgg	180
ggaggaggng	gggggnngca	ggncgnacga	cngacganag	ngggcnanna	gnnnnggcn	240
gcagnnagg	gangnggatn	agnggnncgg	ncgtgnnnng	gagnggacgc	gngcngantg	300
gacgatggag	gccnnagncc	agaggcngnn	gnnagnnagg	ggnnatgang	cgcgacgann	360
gagcacnggn	gcnnaggcng	cgnggccgna	ngngcgggga	gaagcggngn	gagacnnnag	420
gcggnnccan	gngannngng	gaaacagnng	nnngnngagn	gcgggnancg	gatgnnncgg	480
nnggannngg	nanggggnca	ggcgnnnagn	nnagcgagg	ngnngngagn	gnaggaggga	540
nnaagcgcg	ngggncaaag	acngggacga	ngatntagn	ngggggagga	ggganncgcg	600
nnacggnnac	gngtncgagn	aaaangacga	gggtngngc	ngtngggagc	ggcgagggn	660
naataggaga	angggntaa	ggngngcaga	cnncnanngn	naggnnanga	cnaancagn	720
nngtgncatg	gcaganggnc	gncangnggg	ncgggggcan	cagagacgcg	atgagnggn	780
anagancgg	gacagggggg	ggangcaaac	gcggngagc	annccagncg	ngnnnggggn	840
antngngnnc	nggtnaggag	ngannganng	nnngcatgagn	ataggnnnga	ganagnngang	900
nnngggggaa	agggaccnta	acnnngngnn	gngcngnccn	acngggcngn	ggggganccc	960
anggnnnncn	ggagncaagg	nnngnncngna	ncngggggng	cnagntnggg	ngggngtngn	1020
nnngcatnag	ggnnccggccc	ggngnccggn	gcngnatcng	aacggacagg	cgcngnanna	1080
ggngggcgcn	agangngntg	gagngncaen	gcggngggna	ncngngngnc	angatggcga	1140
ggggacgggt	cgcgggngctg	acgganagag	gcngcnacgn	nnagggcggtg	aaagaantgn	1200

nggncgnggg acnnncnanga gcaanggcag gagggcncgg cgngcggnng cngnggccg 1259

<210> 4558

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 4558

gatntaannt	tcaccttntg	actntntgca	ggatcccatc	gattcgaatt	cggcacgagg	60
aaagagatct	gacctaacca	actttntctt	gccttaactt	ccaaactgcc	cttagtcatt	120
gatggggcat	gggccaacnn	cnatngggan	anatctttnt	tcntcntgna	atnatactcc	180
cctttccaaa	actaaatgtc	cttgangnna	taacggaang	cctcccatng	ggtgnacaac	240
cgggncgyna	antgggctcn	cnctgtggca	tagcanaang	ntccccggnc	gtngtggtgn	300
acgntcnann	tatccgcnan	actcgccatt	gcnctagecn	cnncnacttt	ctttttatnn	360
nctaacattn	tccttncggg	aangcggttt	tnccggcntt	aagctnttaa	ggatggangg	420
ggttnggttt	ccgnnctnna	cnctataaaa	ctctnttaac	tncaacaeng	tncnccgtng	480
ggacccccctc	ccantaaagn	ggggactgnt	tcacagnan	ggaccctttt	tttncncncn	540
ncctaatanga	ttttcncccc	accttaatac	agttaggaac	cccttttctt	tattccatac	600
aagaactttt	ttttaaaaaa	acttggganc	ctcttatcta	cgcttgggn	gggtcacatc	660
ttgtnaatcc	ccaacatttn	ggggaggcta	nngncgggaa	atatncctta	agcttcaaga	720
gttcaagacc	agcctgggga	aacacttgga	aaccgcttct	ntcnctttac	aatttctga	780
tgccgggatt	tttcttttng	cccttctt				807

<210> 4559

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1070)

<223> n = A,T,C or G

<400> 4559

tatctatcnt	cnncatacaa	gctacttgca	ngatccctcn	attcgttgaa	actgaaagcc	60
aacttgaaaa	tggaggatat	gcttataatt	cagctgtgct	gaactgtaag	tgattaaata	120
ctgtttcatc	acataatac	atatataac	ttatgtgggt	atataggtec	tgggtctcatt	180
gacttaagga	ttttaagtgg	tgggtattggc	catatnctgt	gggggggaaa	gctnagaacc	240
tcaatannct	taatnaaata	ggtggctatc	atcngttcat	ttaaactcaag	cccagaaaaca	300
ccaaagaagt	caccctcaat	ttcttccgc	anccccacaa	tttfaatcta	atcggccatt	360
ttctttaaca	nggttcccat	ttttcccaaa	aaatatnaac	caatggagggt	cccatcctaa	420
tttntctgggn	ttcttaacaa	gtccantcaa	ccccntaagg	cnttaaagnc	caccttacct	480
ttcaagttag	gcccctcttn	cccaatttaa	gggcctttta	gtttcaactt	tcccaagccc	540
cccttccctt	tcnaagtng	gttggnantt	cnacnaccaa	gatncccttg	gccaaggggt	600
aagggtccaa	ttttangaaa	aaaccaatta	nacctttnaa	gggccccctt	gggtccaaat	660
ttggccttct	tggcntttna	aaaaaaattt	ttgggtgggg	gngggggcnt	tttcccccaa	720
ttccaattgg	ccctttaang	aaaaatnaaa	aaaaatccct	nggccttttt	tcnntanttt	780
attttttaaa	aaaanccaat	tgggggcttt	tttgggggng	ggcctttttt	aaccaaccaa	840
aanttttttaa	agttcccttc	cccatttaat	tccctctntt	ttttcnttaa	gccccctggn	900
attccttgga	aaaggggcca	ccccatttcc	ccaaagggtt	tttantngtn	ggaacaaaaa	960
aaaccaagcc	aggtnggaaa	accattgggg	gggggggttt	anttgnaaaa	ccncccttacc	1020

cgaggagggg aaaancccc aaaaaccccc ccnntttttt tttngggccc

1070

<210> 4560

<211> 1321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1321)

<223> n = A,T,C or G

<400> 4560

acgnaccttc	ancttcgcnc	ttttgcagga	tccctcgatt	cgaattcggc	acgagcta	60
gcactgcaca	gcatttgcac	tttgcagatg	agtatcatct	gggaaaatct	gtctcaagat	120
ctggccctcc	cacggganta	tggttgaagt	aaccaagcct	tgcccttaga	ngatgcaacc	180
aaaatatttt	tgggtggatg	gggtgggtgg	aaaaaattct	tgccaaaaaa	gaaaggggtg	240
atccctggga	aaccaattat	ttcttctttc	aagggggaaa	gggaagcctt	ggcctgggtg	300
ttttttnggg	aaatgggtga	aaaagaacca	aaaaacctta	tttgaaaagc	cattgggttg	360
aatggaaaaa	ggtttcctta	ggaaaaaaa	cccattggaa	aaantttcca	agccccccct	420
tanttgaaaa	aattccgcca	nccttggggg	taccancctt	tggggggaaa	aaaaattgga	480
aaaagaaaaa	ccttttnaaa	cccttanccc	atttaaaaaa	aaaaatttag	gnaanggggg	540
gaanccaagg	ttnccaaaaa	aaaaccnttt	tccaaccaa	gggggggggg	ggggaaaaaa	600
aattcccaaa	aggtttttna	aaaaaatttt	nccaaanaaa	ggcccttttg	gggaantttt	660
ttaaaggaaa	ttgggaattg	gnccccccat	tttttccttt	aaagnaaagn	aaaaaggntt	720
ttttngggcc	ttttttttcc	tttnccccna	aaattggggc	nttccttta	nttggtcccc	780
ctttttttcc	tttgggttaa	aaaaaaaacc	cttggggggc	caaaantttt	tttggggggg	840
gaaaaaggcc	caattttcaa	ccnttggggg	naattaaaaa	aaatttttta	aattttgggn	900
aaaattcctt	taanttttcc	aaaggttccc	aaaatttttc	cccttgggaa	ggggccnttt	960
tttnaaaaaa	aaagnccttg	ggggggaaaa	ggaaaaaagg	gttggnaaaa	aaccttantt	1020
cnttccaatt	ggnaaaagaa	aaagntttta	nttgncccag	aaaaaaaaat	tccnggggtn	1080
ggaaaacctt	cntttttggc	cttccttaaa	agggcccnc	cccgttantt	aaaaancctt	1140
tgggagggtt	tccaaaacct	tttcccctgg	gaattnaccc	tcccctggaa	ttttctttac	1200
cctggggggg	accaagnaaa	aaaaaaaancc	ccttgggnaa	nggggncctt	ttttncnna	1260
attaaaaaac	ccgnggggtc	caaaatttcc	ccnntttttt	ttaaaaaacn	ccccccccct	1320
t						1321

<210> 4561

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1253)

<223> n = A,T,C or G

<400> 4561

ttttntacat	acttgcttnn	tacatcncag	cactttgggn	nctttttctt	ccgagtenga	60
ccgtgtgtgt	gtgtgtgtgc	gcgcgcgcgg	cgttctgann	cttcggtctt	tgttccggac	120
ccggnctccg	ccgcagccag	cccacatgtc	ggngatcaa	agaaagcaa	aaagacgggt	180
atggctttcc	aaggccgccc	ggcttttccc	tccnccccgc	ccaaccnca	acttggnaac	240
ggccncccc	tacccccncc	caaaccccc	ccccaaaatt	ttccccncc	nggccaacc	300
tttngggggg	ttcccccnna	accccccttt	ttcccccccg	gggttaaang	ggggggggnc	360
ccgtttccag	gggggnaagg	ggnaaagggg	aaagcttaaa	aaaaaaaagt	tttggggggg	420
ggnccaaacc	gggggaaggg	ggggggaaaa	agccccaaaa	ggcaaangaa	aaaaaaggaa	480


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aggggggcent tccnttgggt ggggttgggg gaaaaaattt tccccccccc gggggggngc      540
ccaaagattc cccenttttn ggcccccccc cgggccccaa tgcccccccc cntttttttt      600
tccccaancc cccccccggg cggggaaacn ttttttttgg gggggaaaaa ttncccttgg      660
ccggnccntt tccccttttg ggggggnggg ttaccngccn ccggaccggc cccccccggn      720
ccggaaaaaa aagaaacccc ttttccccc ggaaagncct tttcntttna aaaagggtng      780
gggggtttnc ccnggggaaa ttcnttattt aaattcccca aagggnaacc ccaaaggggg      840
gaaccaangg gnaaaaaaatt cccccccctt tttttntttt ttncccccaa aaanaaaacc      900
nttttttttt nccaaaaaac cccccggccc cttttnttcc cttttcctgg ttttaangggg      960
tnccttncgg ggaaaaccna aaaaattccg aaagnccttg aacnttcccc ccggttttcc     1020
ttggcccaaa aggttccttg ggggtaccccc ttgggggggg nttttttggt ttntttnttn     1080
ggggnaaaaac cttttccctt tttggggaaa gtngggggnc cnttttnaaa ttggaacccg     1140
ggaccttttt tccntttttg naagggnaaa aaacttggcc aaantttntt ttcaaaaaaa     1200
accnaaaaaa cttttggggg nnaaaaaaan ggggggggga aaaaaaaaaa ana             1253

```

<210> 4562

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4562

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tataattaan ttgnannccn ttnaactctt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga ggtgaccctt cctgcccttc ttgagcagct tgtganccan aagatgtgcc     120
tgagagaaaa gcctcatttg ggggaagtgcn gnattcgaag ttctttatatt tgaaaatgga     180
naacaaccct tctnacaat cctgtctgcc ctccccctt tncaactaga atatcanntc     240
cnctgaacat gaagtnatnc acatttcatg gaaaactggg tgatgntnaa naaatcactt     300
ganggcaaac tttgtccttc angtgtggg tctctgaatn gtagagccng canatcctcc     360
antgtatgga ctgngcctta cttgccctt gaatgctttc tatacatnaa nacttgganc     420
tctttacaga tgacantnnc cagtngggaa gataaaagan nagaaaagac cnaaantgcy     480
ggnttgccac tcttttttgc catcaccgtg gggactgcaa angccaatgt tggngctggc     540
aaaaagccga angantaaag gtgctgnant gatgttagct gtgnccactg nggatttttc     600
caanaacatt tntanctata aanttcaaa gnaaaaaaaa aaananactc gaggcctntt     660
aaaactatat tnagtnttt tacctnatnc anacttgata anatacattg atgantttgg     720
gcaaaccac aactagaaat tttcccaana ggggggggna                               760

```

<210> 4563

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4563

```

tttttnnntt taaantttgn aaaattnntt ttttttacca ncccccttac tccnggtttc      60
cttttttttt nggccanggg naatcccccc natnccggaa ttnccggaa aattttcccg     120
gtttgggcnt nggtccggca tatataaaaa ccagngngag nccccnact atggannttn     180
tnccctngaa tataaaaaaca acaatccggg ggggggaacg gaagnagcnt ggcaattngg     240
natcgtaata aaaatacggg antcttgaag cccatttga tggtcncaan gggctgggtg     300
ggaagaacct tanttnagca agaatcccta aaanggggca canaaccttt gnaaaggana     360

```

```

aggangttnt nttnncaaa aaaaaaccca nactttggat gggcaaactt tnaaataang 420
ggatgaacaa tggncaggg cccaccctg ggcttaaatt ancaaaacnt tggcctntgn 480
aaagnccng ttncccttg gggtctctt tttcctttna tttntggaac ccannacttg 540
atgtcnttnc aatcgnaact ggtttaatgg ccnattcct acaaccgcna aaacttggtt 600
cctngaantg tantctgcng nanaaaaaac ncctccnnan tgaantggcc anaaangtan 660
tgatcataca caaananaca ccttnaaatt ntaaccatga acgcgattat attatgnana 720
ganntcnttc ggnnganatt atgtnaggga gccagantnc tcatgctngg aatagngacc 780
nacaaaacnt gntcgaggga cttattgana ttaatatgga agatacanng ttcntntacc 840
anganntggc cacanagaac aatcnatnga ccgaaaaatc cggggngggg 890

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<210> 4564

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4564

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atcccatcga ttcgccaatg gatgcaggna aaactgagat gggatttccc cacgttgccc 120
aggctgggtc cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg 180
tgctggctg agatgacttt taaaaaaaga cttctctaaa gtagaaggaa gggtggaatt 240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gaggcgcaatg 300
gcgcgatctt ggctcaccgc aacctccgcc tccggggttc aagtgattct cctgcctcag 360
cctcccagggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt 420
agtagagacg gagtttctcc atgttggtca ggctgggtct gaactaccga cctcagggtga 480
tccaccacc tccgctccc acagtgtctg gattacaagc atgagccacc gcgcccggcc 540
tncctgttcc agttttctat aatctgttca tattatatc tgggtatatg tgggtggtgt 600
gattatccat gtgggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt 660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcagggttacc 720
aatcttaaaa aaaacttant tcatttttna aattaaacnt taaaatttnc caattccatt 780
tnaacattaa n 791

```

<210> 4565

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4565

```

ttcatttaat ctncccttt ggatctntnt gcaggatccc atcgattcgt aattatannc 60
cctggagtta tgcagctaata taaagggtcaa acgcataact ttaaagacgc cttttcagga 120
agagattcaa gtnttacgcg ggtgccactg gctttttatt atggaatgta tgcatatgct 180
ggctggtnnt acctnaacta tgttactgaa gaagtagaaa accctgaaaa aaccattccc 240
cttgcnnat gtatatccat ggccattgtc accattggct atgtgctgac aaatgtgggc 300
tactttacga ccattaatgc tgaggagctg ctgntttcaa atgcanntgg cagtgaacct 360
ttctgagcgg ctactgggaa atttctcatt agcagatccg atctttgttg cctntcctg 420
cttgggctcc atnaacnggg gtgtgtgcng ctgtctccag gttattctat gttgcctgtc 480
ctgagagggg naccttccan aaatnctctc catgattcat gtccgcaagc acactnctct 540

```

acantggtn	tgtttgcacc	ctttgacaat	gataatgctc	ttntttggga	gacctcgaca	600
gtcttttnaa	tttactcaag	gttgccaggt	ggctttttat	tgggctggca	attgctgggc	660
ttgatttata	ttngatncaa	atgcnanata	atgcacgggt	ccctttcaaa	ggtgccccctg	720
ttcatccac	tttnttttg	ncttntttt	tttnnnnnn	t		761

<210> 4566

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4566

gntttnaaat	ttccttttnc	ttctaatacct	ttgcttncac	nttggctctt	gttctttttg	60
caggnatccc	atcgattcgc	caatggatgc	agggaaaact	gagatgggat	ttnccacgt	120
tgcccaggct	ggctcctcga	gctcaaagca	atccagattg	ctgggattac	agctgtgagc	180
caccgtgcct	ggctgagatg	actttttaaaa	aaagacttct	ctaaagtaga	aggaaggggtg	240
gaattgtatg	cacaagaaga	aaaaaacctg	gaagaaaaac	atactaaaga	ggctggagtg	300
caatggcgcg	atcttggctc	accgcaacct	ccgcctcccg	ggttcaagtg	attctcctgc	360
ctcagcctcc	caggtagctg	ggattacaag	catgggccac	caagcctggc	taattttgta	420
tttttagtag	agacggagtt	tctccatggt	ggtcaggctg	gtctcgaact	accgacctca	480
ggtgatccac	ccacctcggc	ctnccacagt	gctgggatta	caagcatgag	ccaccgcgcc	540
cggcctccct	gttcagtttt	ctataatctg	ntcatattat	attctgggta	tatgtgggtg	600
gtgtgattat	ccatgtgggc	ttattttcac	attctttgca	ttactataa	tgtacttaat	660
ggttttaaga	taaagtccat	tctacaaaga	tgtatgtnc	atacctggt	tcaggtaaca	720
atcttttaaaa	aaaacttaat	tcatttttaa	aataaacatt	aaaattncca	ntccaattta	780
aacatnt						787

<210> 4567

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4567

gntttnaaat	ttccttttnc	ttctaatacct	ttgcttncac	nttggctctt	gttctttttg	60
caggnatccc	atcgattcgc	caatggatgc	agggaaaact	gagatgggat	ttnccacgt	120
tgcccaggct	ggctcctcga	gctcaaagca	atccagattg	ctgggattac	agctgtgagc	180
caccgtgcct	ggctgagatg	actttttaaaa	aaagacttct	ctaaagtaga	aggaaggggtg	240
gaattgtatg	cacaagaaga	aaaaaacctg	gaagaaaaac	atactaaaga	ggctggagtg	300
caatggcgcg	atcttggctc	accgcaacct	ccgcctcccg	ggttcaagtg	attctcctgc	360
ctcagcctcc	caggtagctg	ggattacaag	catgggccac	caagcctggc	taattttgta	420
tttttagtag	agacggagtt	tctccatggt	ggtcaggctg	gtctcgaact	accgacctca	480
ggtgatccac	ccacctcggc	ctnccacagt	gctgggatta	caagcatgag	ccaccgcgcc	540
cggcctccct	gttcagtttt	ctataatctg	ntcatattat	attctgggta	tatgtgggtg	600
gtgtgattat	ccatgtgggc	ttattttcac	attctttgca	ttactataa	tgtacttaat	660
ggttttaaga	taaagtccat	tctacaaaga	tgtatgtnc	atacctggt	tcaggtaaca	720
atcttttaaaa	aaaacttaat	tcatttttaa	aataaacatt	aaaattncca	ntccaattta	780
aacatnt						787

<210> 4568
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4568

tttaaaccctt	ctaataccttt	acaactacttt	gttcttttttg	caggatccca	tcgattcgaa	60
ttcgggcacga	ggaaggacaa	aaatatggct	atctgantag	atgcagaaga	ggcatttgac	120
aaaatctaaa	atattaagta	aagaagatta	tattagtcca	ttctgacatt	actataaaga	180
actgtangag	agcagcccca	gtgcttatag	ataaaactcc	catctnccta	ggacagagca	240
cctgggggga	atgggcggct	ctgggtgcag	cttcngcaga	cttaaattgtt	cctgcctgcc	300
agctcttgaa	gagagcagca	gatccccag	cacagcgtc	gagctctgct	aagggatgga	360
ctgcctcctc	aagtgggtcc	ctgaccctca	tgcctcctga	ctgggagaca	cctcccagca	420
aggggttgaca	gacacctcat	acangaagag	ctccgggtgg	catctgccan	gtgcccctct	480
gggacgaact	tccanangaa	ggaacangta	gcaatctttg	ctgttctgca	gcctccgctg	540
gtgataccta	ngcaaacagg	gtctggagtg	gacctccagc	aaactagagc	agaccttcan	600
cagangggcc	tgactgttag	aaggaaaact	aatgaacaga	aaggaatagc	atcaacatca	660
acaaaaagga	tgtccaccaa	gagaccccat	cctaaggtca	cccaacatca	aagaacaaag	720
atngagaaaa	tccncgaagt	ttgaaaaggg	ggaaaagggg	ga		762

<210> 4569
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4569

ttnnnttnna	ttccctttttt	gaactcgggtt	ncttgttctc	tntgcaggat	cccatcgatt	60
cgttcgagtg	caagctcccc	atctttcgaa	agtttccatg	gcaatacanc	taactgaaga	120
actaaaagcc	agtgatgtac	ttgccagggtt	tctcagccaa	gaaagtgggg	ttgcccagac	180
tctcaagaaa	ggagaagttt	ttttgtatga	aattggagga	aatattgggg	aacgctgcct	240
tgatgatgac	acttacatga	aggatttata	tcagcttaac	ccaaatgctg	agtgggttat	300
aaagtcaaag	ccattgtaga	agacttaaca	agctgcagat	aacctgtgg	acttctgtca	360
taattcttgc	tgagtcaaga	gtgtaaataa	aagaaatggc	aggactcata	ttattcantt	420
gtacccaagt	atttaaaaaat	gactctctta	agccttaaaa	agtcatagat	ntgtgctgct	480
gccagaatta	tattaattat	tattaatggt	attattagaa	aaaaaatttc	tggagtgaga	540
agtaaaaagg	cttaattagg	ttgtgggcca	ntttcatatg	ctctggtgaa	atgtgtccca	600
natgtnacat	agttttttttt	ttaatattgtg	gaaatgtctt	ctcttcccat	tcntttctcc	660
ctaaaaatcn	tatattnctg	gaaatataat	gcctcttttt	aanctcttnt	taccttnnta	720
acattttacc	ccttttccca	gttanggnnt	gcttttttgn	ccaaaaagna	tanccaaatt	780
ccnnc						785

<210> 4570
 <211> 986
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (986)
 <223> n = A, T, C or G

<400> 4570

ccgnnnntttt	tngnnnnnttt	ttgcaanttn	ttggaaaaan	cccccttttt	taccaaanan	60
cctcnccttt	gggtttgctt	tttttttngn	ccaggggnaa	cccccccat	gccggnattt	120
accgnnaaat	ttncggggg	cccaccggaa	gggggnaaaa	tggggggccc	caaaaaagnt	180
ttnatTTaaa	attttggggg	tccntttttc	caaagnaant	tttttttttc	cnattttaatn	240
gggggggacca	aagggaaaaa	acctggcacc	cccnaccgga	aaatttttat	tnaaaaaaaa	300
tcccccatgg	gttgggggaa	aaaaagggaa	atttggaaac	ccccanaaaa	tccaaatggt	360
taacctttcc	aaanaaaaaa	atgggtaaga	aaaaactttt	attaaaaggg	aagnaannat	420
ggnggcttta	ttcttcttcg	gatggaaaac	tccantattt	ttgggtggta	nactctattt	480
aaacaatttc	ggtcataaac	acaaagacaa	accatggggg	caaaatgtgt	cctttgcttn	540
taaattctgc	cttcatttac	ttgaatgacc	tcagtgccta	ggcagtggcc	tgtgttttag	600
acctggtgat	gacagctccc	ctcacctang	agctgagcac	cccggccatc	ttggtgacca	660
cagaaccaag	gncacaggct	tcanctggta	cgccctgggg	caggggagaa	aattgtgctt	720
gcattcccaa	gtctgtccca	cctnctgggt	aagggtctgtc	gggcctgggtc	ctgtccttgg	780
agccaccagc	atcctcagac	aaagaatcta	gacggngttg	ccaattttatt	aacagcaaat	840
aaccaattaa	aatggagact	attaaatact	ttattttccc	ncttanctna	aaaancnaaa	900
ntttcccccg	ncnanngng	gggcanacct	tanagnncca	cnaantnngg	nngcnggngg	960
gnanggnnnn	naaaaaaaat	nttctt				986

<210> 4571
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (804)
 <223> n = A, T, C or G

<400> 4571

ccgttnattt	cgaantttgn	aancccttta	caanactact	tgtgtgcttg	ttgtggcagg	60
gnaatcccat	acggatttcg	gggaaattca	aaaaaaccca	aagnttacct	caggaaaaatt	120
aatgggtggt	ttntcttcta	aagnggtana	aaaattggga	aggggaaacc	tgggtgggaa	180
aaaaaaaaatt	aaggaaaaag	ggnggagggg	ggggtaaaaa	tccaattttc	cnttaaaatc	240
cttaaaattt	aaccctttaa	aagccattaa	gnaatacctt	ggggttaaaa	taatcctttg	300
gggtattaat	ggnttttttt	cctggggctc	tttggttttt	angtctggca	tgngattggt	360
tttaaccatc	cttntattag	ctctctnaat	gctgcctatg	gttatatttc	catgntcnta	420
tattntactn	ccatgtaata	tatattatnc	atattaccta	tattgaaang	gaaatgctta	480
tatattcatg	tcaangtaat	gntatcctct	nctgntatga	ttattatttg	cctnaacatn	540
ttgattgatt	tatntaacc	tgtgctanat	tgggaactac	ttctctncta	tagaccttaa	600
nannaacatn	gctttatcaa	gattttattc	agtgatattt	taaatgattc	tgccctgtagg	660
cttgccagac	aaattagtgt	ccaataatct	aatgaatggt	gnaagtcatg	tnggattatg	720
aattccatta	ttttactaat	ttacttgaaa	aacatgatcc	aaaanattgt	ttttgttggt	780
tgggttaaaa	aaaaaatnta	aacc				804

<210> 4572
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4572

gtgaatectt	ttcnaatngc	ttggctactc	gctctttctg	cangatccca	tcgattcgaa	60
ttcggcacga	gggcagctag	agtcaggaaa	atgaccctca	tatgetnttn	atctttgttt	120
cagttgtctg	tcagggttga	attaagaagc	tactggttta	ttcccaattg	ttgatgcctt	180
taggtatgtt	ggaatctttt	tttttgccca	ggaggggcca	gtngaaaatc	tgtgactcaa	240
gangcagtga	acagaatact	gntttctggg	gaaaaattgg	ttggctactt	gatgttaatt	300
atggnacagt	aacaggaaaa	ggttgtgtnt	gtgtttttta	gtaatgtctt	tattctgctt	360
ttttgctgct	ataagagttt	tctgaaatth	atatttttaa	cttttcatgc	actttactgt	420
ttctagtctc	naaatgtgat	atthttnaat	aacaagaaat	tttccattat	gngaataaaa	480
ttttaaaaga	caatagccca	tatttgtgtc	tcactaatat	ataaagtata	ggtcaaattt	540
naattattta	attagtttta	aatatctcaa	tttgtctnct	ctttcaaacc	tgacatnttc	600
ngctggtttn	ttaagtccca	aaatgatgca	ttttaccttt	ngncaatttt	caattgccta	660
antttcnntn	ccatangtna	aattaaannc	anggcttatt	attaangggg	aatnatthtt	720
ccccannagg	ggtaaatttt	taatgggnga	ncaaagngtn	gntggggatt	gangtctttt	780
catnccangn	ggg					793

<210> 4573
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4573

annatcnctt	ttnattnat	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gtattcttct	tctactggag	aaggtaccga	aaaagaattt	gatcctctga	120
ttgcctaggg	ttttgagaca	tgagaaataa	tgtctttgat	ctggttttga	gaaattattg	180
catattttat	tttaagtgtc	tgctgcctct	gcctttcccc	ttttgtctct	caaataatata	240
aagtaagtag	cctgcctaca	ggaggactgt	taaaaatcat	atcactagat	taaatagaat	300
taaaaaagan	acaggaagat	tgaagatgta	gnttaataata	tgtatcatta	ataatagaat	360
aaatacaaga	acataatggg	tgagaaattt	atthtctaat	aaaaatttct	gagactagac	420
ctthtcaacat	ttagttatac	atactthtaat	aaaaatctat	catagtaaat	ttataatttt	480
tggttgagta	tgtgaataat	ccttctgcgc	attattggcc	tgtataaat	ctthtcaatga	540
attgtgggtt	ggagttaaat	tcatattgtg	ctgaattttac	aaaatttaac	agtttgctnt	600
aaacgtttta	aaaattntct	aacttagcac	caaatcccc	catacctttg	tgtgtgtgtg	660
tgtgtgtgtg	tgtgtgtatg	cctgtggana	aaaagtceng	agatcttatt	tctcatttaa	720
aaaangttag	caaaaaaaaa	aaattthttt	ttthtnc			756

<210> 4574
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 4574

atatnctntna	taancctttc	aactacttgt	tctttttgca	ggatcccatc	gattcgcaag	60
agcaaggggtg	gagggggaca	gattgtntng	tccnttaaat	gtgtgttgac	acacatgggc	120
ttcgggttag	ctggcctgac	atggagatag	antgccaatg	ttcccaagcc	cacagaatta	180
tggaggcctc	accncagta	ttcacagctc	tcaactggcc	tttnanaatg	gaaacctttt	240
ctgccttgga	tatggcgctt	cttctgggag	aggagcanag	ccacagagag	gtaggaagtt	300
gaggcatagc	aaagggaang	cttcaganct	taagcccngn	tcattctcata	tgtgttttct	360
angcctgnng	ctgaaangaa	gaggagtggg	gcancctggg	acggnaactg	cctctntggg	420
ctccccactc	ccatggaggg	gctncataan	ctttgctcct	gggctgnatc	ttganaagng	480
ggcanggtct	ccccaccant	ggcanggtgt	gcagttgtgg	ttcccaagcct	tggagggaat	540
ggggaatggg	ctggcaccct	gctcaaggaa	agcanaagca	cacangtgcc	ccaacagggg	600
ancttcattg	cccccaatan	ttttaaaaaa	ngcaacccat	cacttaaggc	ttgggtgccc	660
ttttcggnaa	aaactacca	acttgggaanc	ccctcccggc	tttaangccc	aacnaatttt	720
nccttggggg	acnttccctt	gggaccccc	aagggnnttc	ctttaaccag	gccaaaaaaa	780
aaaaaaaaaa	nccncccc	n				801

<210> 4575

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4575

cnttnttcna	nttatecttc	aactcttgtt	ctttttgcag	gatcccatcg	attcgagag	60
gctgaggttg	gaggatctct	tgagcccagg	aggttgaggc	tgcaatgagt	tgtgattgca	120
ccagngtact	ctancctaga	cancagagga	ataacctgtg	tcncacgata	angannttca	180
tcanttanmn	ntnataanaa	ttctntcagt	gncnngaang	nngacacngg	anctccctna	240
ncangangga	catnncnca	nggccatntt	acgnntcang	tgccatacat	aaagnnatg	300
ntggnttgag	nttacnacca	cactacngaa	anatttgcna	nnanncttat	gnnnnatnct	360
ttaatntnt	ccatgtnttg	cttccacgca	ttcagncnat	ngtgtgggtc	tnttaaagtgn	420
ctgncnatt	tcttactcaa	anggattacn	ctanatncaa	caattntttg	aaatggggng	480
cttaategat	tttaattgnga	ggmnatttta	cctnatggtc	ttggangggc	acctggnttc	540
cttaaagtgg	ccttttgatn	nttttaaatt	ccaaanttag	gcccnttttt	aaaataaggt	600
cccaatggna	aaaaantttc	cttnnaactt	ttaaacgttn	nccttaattt	ttcttaaagc	660
ccccctnaat	ttnttcaccc	cngaagggga	anggnaaaat	ttggggnnng	cccatttttt	720
attttngggg	aaacctggcc	aagngggatt	taanatcggg	ggggaatccc	ccnctttttt	780
gggacctggg	agccaatttt	ggcntttaac	cnaaggtntt	tatccgcccc	acttttctcc	840
aaaaanmtta	ccccccacca	ngtnttccca	aancctgggg	gttttttttt	tntnn	895

<210> 4576

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 4576

tatcnnttat	tctntaacc	ttgttctttt	tgcaggatcc	ctcgattcgn	tnatgtatna	60
actantcnna	tatgtttnt	ancatnctta	ntatccttgc	nngcattatg	nggattcagg	120
gtcaactnt	cagactgnga	gcctgagagt	tnntctctaa	gaggctccac	acctttnttg	180

tctnttagat	cgnggccaaa	ntgagatgaa	aactaactct	tgagaaanaa	aaaccancat	240
gcnttaactg	atacaccgtg	ttgncttggt	catncacagn	nnatncagcg	antaccaaca	300
tcacgntat	gaaatgncnc	cctangtntc	ttattctagc	aactgccngg	caccacaacc	360
atggtaacnt	tggggagacn	naggtctttc	gcttanagga	tgacacgcca	agtttaacga	420
cgcagttcct	ctggaaaagat	gacntgtgaa	taacagaccn	caaggggttg	ctctcgaccc	480
agcctgttca	ngantcacia	gctctttaat	gtcatgtaac	nttccatata	atnttngagn	540
ggnncctgtg	ngncacaccc	tgtgaagngt	gtatatgcnt	cctncagtgc	tggntgctta	600
attcttctgc	attnaaatgt	cctgaccatc	ttgaaaacat	cantganana	ntcctgtgca	660
tgannggatn	ctaagggcta	tntatgatgc	ntttttaaac	tcaatgggng	tttnncnaa	719

<210> 4577

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 4577

gagcccagaa	tgaacatgcg	gnccccccaa	gttatcntgt	gatcccaggg	tttcaagata	60
gacttttgag	tttttcacag	tctgtcttan	ctcagcanga	taacttgga	cttcagaaac	120
agttggatct	acaaagagaa	gttctgcatt	atagccagaa	agcccaggaa	aaattgcttg	180
tacagagaca	aacagcattg	cagcagcaga	tacagaaaca	tgaagagact	ttgaaggatt	240
tctttaaaga	cagtcagata	agtaagccca	cagttgaaaa	tgatttaaaa	accanaaga	300
tggggcagct	canagactgg	tttcctaata	cacaagacct	agcnggaaat	gatcaagaaa	360
atattaggca	tgcanatagg	aacaactctg	atgataatca	ttnggnttca	gaagatacta	420
gtgccangct	aagttggtga	gcatctggga	gaaagatctg	gggagaagat	cctncaaagc	480
cacctgtagc	aaaagtcaaa	tgtggttttg	accttaaaac	ccngcattga	acttaagtgc	540
ttttccaagg	aagttanaag	ttncacagcan	attnggcagg	aactttctat	accttaggtt	600
aaaccagggg	tattttnttg	aagaacnnag	tcccccttgn	naagtcttca	attatatccc	660
cagtaacca	nggtttnttt	tngngaaccc	cantggcccc	ttgatcccg	ttcaaantgg	720
cttttc						726

<210> 4578

<211> 1071

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1071)

<223> n = A,T,C or G

<400> 4578

tttttnaaan	aattncccaa	tnnttttttg	tnaaaatttt	tcnccnaan	ttttccaagn	60
aacccttaac	cttttggtt	tttgctttt	ttttttgggn	cnaagggggn	aatccccccc	120
aattccgggg	aatttttccc	ggcenttct	tgggtttggg	gggnaaggna	atttgggggg	180
gggnaagggg	gggggggggg	ccccctta	gggcennntt	tcaaattggg	cccttttttn	240
ctttgggtta	aagnttgggc	caaaaaaac	ccccccctt	aaaaacccc	attgggttgg	300
cccccaagcc	caaccttaaa	gcctttaagg	tngggaagga	atccttaaac	aaaggaatcc	360
aatccggncc	cttccggccc	cttcaatttt	aaagtcaaaa	anggcnttca	aacctttctt	420
ggctttccac	aaangtcaat	cttttttttg	ttcacttctt	ctggtnaaaa	taaatcaaac	480
tcacgccttc	aaagttcttg	ttgtgggaag	tttgaggggtg	acaaatattt	caacaagaaa	540
tttgatgccc	atatgggaaa	atcccaagct	agctttttgt	ancaagttnc	aaaaatcaaa	600

tattttcaaaa	cagaatgaga	agcttactat	cgtggtggga	agtacaaggc	tttgggtgta	660
aacaatcctg	agatggaatt	tcattctcttc	ctaaattaga	agctgcanaa	gacctagtca	720
aagtctgaac	ccttatgagc	tttcgtttcc	tcagctgtaa	gtggaactaa	taacactgaa	780
tttgatgaag	ttggttatga	aggattaaat	tggacaaaat	gggaagtgtg	tagcatctat	840
ggcacataga	tgtaaaatta	aataaagaat	gggacanggt	gctattnaaa	aatatttacc	900
ttggcccggg	gtggcaatgg	gcntcatgcc	tgtaaatccc	aaaccagttt	tggggaangg	960
cccaaaggcn	gggtgggaat	caacnttgag	gggcccgaag	naagttcaaa	gaaccagctt	1020
tgggnccacc	cattgggntg	gaaaaccttc	aaaattcccc	ttttcccctt	n	1071

<210> 4579

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1052)

<223> n = A,T,C or G

<400> 4579

tnttcatcag	ctcttgtttt	atgcggaccc	tcgattcgaa	ttcggcacga	ggctttatgt	60
atcattaaat	ttttctcata	gttcagaaaa	aatgtgccaa	agggaaaacta	ttggctcctc	120
cttcaaaaac	agtccttaatt	aactttcatt	atttanccgg	attaaaacta	nccagaagca	180
gggntcangg	ggaaaattaa	aatggatatn	ggacccctaa	attgtatcat	tctgagttga	240
ttgngtgggt	tattcattct	ggaaacatgt	tgatacttac	agtcaaccac	tgntttttga	300
taagtgatat	tgattaaggt	tgaatcttct	ttgtaaataa	gtatttacc	agttagcaaa	360
agtctgtgtt	ttcaagaatt	accagtgagc	accaagaggg	tgttcattaa	aaatggggga	420
aattgaagtn	cccacttccg	gnnaagaaag	ttggctttta	aaccttggac	cacttggttt	480
ggaacaattt	ttgggggctt	tgggaatnaa	aaaacccccc	tgggtggggg	gggggggggt	540
ccttggttgg	ccttgntggc	canttttggc	caagggnaat	tgggggtgna	aagnccaaan	600
cccggttnc	ccnttctnt	cnaattggtt	ggnaaccaa	cccccccaac	caaagggttt	660
antttgcccc	ccgggggaa	gggttttggc	cccccaagg	attgnccccc	cccctttaaa	720
ggggggggna	accaaagaaa	agttccaaaa	accccccccc	cnaaaccttg	gaaaggggaa	780
ccccacctt	gggttncccn	ttaaccaagg	naaagntcca	aggggaaaaa	aataatttgg	840
gtaanggggg	aaggaaaaaa	aaaaaantta	aaccacaacc	aacccaaagg	ggcccttggt	900
gggttaaatg	ggtttaaaat	taggnatgga	naaattant	gggaaatant	ggtattant	960
naaatgggtt	taaaaaaatt	ggtacccttt	gaatcaaaag	gtaccttttt	ttattaaaac	1020
nttggnccct	ttttttanng	gnaaannttt	tt			1052

<210> 4580

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4580

ttaatanatc	cttgatttgg	cngatccatc	gattcggggc	aaaatcgaaa	tcaagttatc	60
cgatattcca	gaaggcaaga	acatggcttt	caaattggaga	ggcaaaaccc	tgtttggtgc	120
tcatagaacc	cagaaggaaa	ttgagcagga	agctgcagtt	gaattatcac	agttgagggg	180
cccacagcat	gatctagatc	gagtaaagaa	acctatcang	ataaccatt	cagggttctt	240
tactcgatct	agatcatgta	aagaaacctg	aatgggttat	cctgatagg	gtttgcactc	300
atcttggtct	tgtaccatt	gcaaattgcag	gagatttttg	tggttattac	tgccttgcc	360

atgggtcaca	ctatgatgca	tctggcagga	tcagattggg	tcttgetcct	ctcaaccttg	420
aagtccccac	gtatgagttc	accagtgcg	atatggtgat	tggtgggttaa	gagacttgga	480
ctcaagtent	aggcttcttt	cagtctttat	gtcacctnag	gagacttatt	tgagangaac	540
cttctgtact	tgaagttgat	ttganatatg	taagaattga	tgatgtattt	gcaancatta	600
atgtgaataa	attgaattta	atggntgaat	actttcaggc	attcacttaa	taaagacact	660
ggttaaccac	tgntatgctc	aatcataccc	nctaaaaggt	acaaatggcc	tttttaccta	720
atnctaattn	aaaaattncc	ngactggngg	taaaaaaaaa	a		761

<210> 4581

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4581

nttnnnnant	acnatnnan	gcctntgtac	tgcgangate	ccatcgattc	gaattcggca	60
cgaggnaaag	ccatctttgc	attgatectc	atccgccttt	ttgctcgccg	cagccgcctn	120
cgncgcgcgc	cttctnccgc	gccgcggact	ccggcagctt	tatcgccaga	gtccctgaac	180
tctcgctttc	tttttaatcc	cctgcacggg	atcacccggg	tgccccacca	gtcagacgc	240
agccgtagac	accagctccg	aatcaccac	caangactta	aaggagaana	aggaagtgtg	300
ggaagaggca	gaaaatggaa	nagacgcccc	tgctaaccggg	aatgctaata	aggaaaatgg	360
ggagcaggac	gctgacaatn	acgtagacga	agaanaggaa	ganggtgggg	angaaganga	420
ggaggaanaa	gaaggtgatg	gtgagggaaga	ggatggagat	gaagatgatg	aagctgagnc	480
agctaccggc	aagccggcng	ctgaagatga	tgaggatgac	gatgtcgata	ccaataanca	540
gacnaccgac	naggatgact	agacagcntn	naacgaaaag	ntaaactaaa	aaaaaaagcc	600
gcttnacctt	tncaccttnc	actgccgtct	canaatctaa	accttggncc	cctttnaata	660
anaaaaggcc	cgncgggnca	acngtggggc	antgccaccc	cgaagatgan	acncgctttt	720
caacacccaa	cccaaaccct	gaggaatttg	gaacaagggg	atggaaaaaa	gaaccnnt	780

<210> 4582

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4582

aanaatectn	cctcccgttt	nnattentat	acaagctact	tggtcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggccttgag	ggaattanac	agattttctg	ttttgaatag	120
ccaacacatg	tttgaagtac	tagctgccat	gaatcacoga	tctcttatac	tcctggatga	180
atgcagtaag	gnngtccctag	ataatatcca	tgggtgtcct	ttaagaataa	tgatcaacat	240
attgcagtcc	tgcaaagacc	tccagtacca	taatttggat	ctcttcaagg	gacttgcaga	300
ttatgtggct	gcaactttcg	acatctggaa	gttcagaaaa	gttcttttta	tcctcatttt	360
atttgaaaac	cttggctttc	gacctgttgg	tttaattggac	ctgtttatga	agagaatagt	420
agaggatcct	gaatccctaa	acatgaaaaa	cattctatct	attcttcata	cttactcttc	480
tctcaatcat	gtctacaaat	gccagaacaa	agaacagttc	gtggaagtta	tggtctagtgc	540
tctgactggg	tatcttcaca	ctattttctc	tgaaaactta	ttggatgcag	tatattcatt	600
ttgcttgatg	aattactttc	cctggctnct	tttaatcagc	ttctgcaaaa	agacatcatc	660
agtgcagctgc	tgacatcaga	tgacatgaag	aatgcttnca	agctgcacat	tttggatact	720

gtctaaaact tgatgatacc ttggggnncc cctttt

756

<210> 4583

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 4583

cttntttacat	ctctctcggt	ttattcgata	ccnctacttg	ttcttttttg	aggatcccat	60
cgatttcgaat	tcggcacgag	gagaacctaa	caaataaatg	tggtgggtaa	ggaagagaaa	120
gaagtnnaga	tgaaatttcc	actctgctgg	ggaaactagg	tagatagatg	atcatgaaga	180
atctgaggaa	gagcagaagt	cgtacaggta	agaataaatg	cattcattaa	tttattcagc	240
aaaactgcct	gaagaatacc	atgtgcagca	ctgcgggaca	aaacagggct	tgcatcccca	300
ggctgtntct	ttgtgaggac	aacangaagg	aagttgagaa	acacacaaga	acaatgctaa	360
gatggggaaa	ctccatacgc	tcggggagca	catacagaca	aagtccaggt	agggctcccg	420
gagaaagtga	cattttctagt	gattcttcaa	gtatgagata	gtcatccacg	caaagagatg	480
gtagaaaagt	gttttaagca	aaacaacaaa	atgtgcatag	gtcagaggc	ctatctgatt	540
ttctatggca	ngctgggctt	tcacgcgcag	anaggatggg	cttantgaan	gaagctttgt	600
tggttttgtt	ttcgtttcgt	ttgttttaaa	ggtcatacaa	agtttttatt	ggctaccttg	660
cttcaagaaa	aactgggcca	atgatgaggt	gatcatttct	attaatagtt	tcattacngt	720
cctgtgtcat	tggggttaac	ccaaaaaaat	t			751

<210> 4584

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4584

aggancnntn	aactcctgcc	agtanagaan	acaagctact	ngnncttttt	gcangatccc	60
atcgattcga	attcggcacg	aggtttngcc	ttgtnggcca	gactagtttt	gaattcctag	120
cttcaagtga	tcacacctgc	tcgacctnac	caccctagat	tgtaaacctt	gaaattttct	180
agagctgnct	cccagtgacn	ttactttact	gngtggatct	gccttgctgc	cctnactttt	240
catantctca	ccccgncctc	accacttctc	tgncctcnnn	tgactgggct	tgtgtttaca	300
acatnggatt	aacagctgna	aggtcagcaa	tgaattccca	aatangcatt	cagcacctat	360
tttcagccct	tcttaatttt	tctgngacat	tcgtaccttt	ntaaagntct	tttcttggt	420
ctgatgacct	gagatatctt	gatttttcta	cctcattggg	atcctcaact	ttcttctctt	480
ggctttgcca	tnntgntcct	ntctcctcgt	attcattggg	ggncctcatct	gccctctggg	540
aaagttcaac	ananggtntc	natacctact	ccgcgnntnc	aangggccgc	ctaataaata	600
taaatgctcc	anggcaccaa	ancacaattc	ntttacaatg	caatccannc	ccttctcctg	660
acttttcttg	gcaattntac	taacctaaact	cntgggtggc	ttcnaaaact	ggntnaaaat	720
ggaanctacc	tgctacccca	aantggggaa	agggccc			757

<210> 4585

<211> 825

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (825)
 <223> n = A,T,C or G

<400> 4585

ttatccnnta	ccnaannaac	ccttgcaaan	ccgcgncncg	ncggagacnc	tagaggacnc	60
ccngntaccn	anttnaatgg	gcacnatagg	ganccttttna	ccgatgangt	gggcgcgggt	120
ntacaccena	tntactgtga	ntatatngnn	ttgtnnncng	gnggcacac	agcattctnn	180
tcnactat	cggggccaaa	ntgagacgtg	gaactgannc	cctcttacta	caacacaact	240
tnnatccacn	ncatcnangt	cnntngccan	agnngagggn	gcatgaaaca	ctnatcnan	300
gattnnnat	atganaccac	gcggtaangt	ttctgnggct	nngacnnnac	aggcnctcnt	360
tcaagtgtt	ncaccagcag	tngaagnng	gtgncccgcc	tnctccgggn	nggtgacnan	420
tcnncaatn	ngnacacggg	ttncctgtnn	ntacnaganc	actnacttca	tgccagaacc	480
ngcatnnang	nnntnatgnc	gactctgtnc	cttggttcacn	atgtactaan	ggcttntttt	540
acttgctggn	gncncgtggg	aacaatagtc	ttnantntag	gggataccnt	tngtgnaaat	600
ancanccnat	cccananntg	aancntaacn	tntccggggc	ttnanncan	tccgggttaa	660
tnagcggaat	ttgntggng	cactntnncc	ccncacctag	ttncacagag	ganctacccg	720
gggnttannc	ccaggccttt	cccagggctg	aattncnaag	gggggcttnt	ggtaanncna	780
agggaggttt	tccaaaactt	cgatnngggg	ggngnnaacc	ccccn		825

<210> 4586
 <211> 1546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1546)
 <223> n = A,T,C or G

<400> 4586

ttttnggggg	naatncanac	ggnggganaa	cancctcttt	ttttgggggg	anaaaanccc	60
cccgcnnatn	tntagcgnca	gcancnca	agtanngggt	nngagcacat	nnatncgagg	120
gagngnnntt	gantntnncn	cnctacgnag	ntacntnagn	acagngcacn	ntnagntttg	180
tgnnnccgnt	tttttttatg	ncataagccn	nccgcngana	tacaatntgg	cgcagacggn	240
naggtgcggc	ggnnnanagt	gnccagnann	aggcgcnngg	gngcancagn	cgcagnanc	300
gcccannenc	cnctannag	nganancgna	tcggnnccggn	nagaggcant	ngtcannccgn	360
cgcgagnnnn	agnnnnnnnt	nnncgangcc	gacgaanana	gnnaggngnc	cnncnnnnag	420
ngnngnagnc	anaaaannan	tnncncaaaa	naggnagnna	gagnttgna	tanntgcgc	480
cnngtganta	nccnaagnnc	naentccncg	gnncccggnn	ngancaggcn	ncagaaggng	540
cccnannent	nnataanana	ctncnnnnct	nacanaaggn	acnnnnncng	cacnntgnga	600
gaagangccn	cnngnaggna	caccgggann	gnnnananaa	agnccgggag	canccaacng	660
nantncaent	cgncncgag	natgannngn	nnncgcnnat	ntcncnnncn	aacagcnntn	720
ncngactgaa	gngtcngna	gccgataatn	gaacngcnnc	ntactgcag	ccgantgnnc	780
cccgcgatnn	cgctanatnc	gtntnnange	gnntcagngc	gcnnnctcgn	ncgnaactnnc	840
catcacgcgc	ntacantnat	naccgcgang	cgcgnange	ccangnnng	canacacgac	900
ancgngtnc	acncgcgnnn	gcgangganc	cgncncgatn	ganacgagag	ctacangagt	960
atagcgacgt	catancgnga	gnganatgac	gantgactnt	agnccgnacn	ncnnnnngnc	1020
tncgacncga	cactntgagn	catcctngan	nncgnnagcg	antcntcgtg	anacanacgc	1080
gcnantncnc	acnggagann	aganggcang	cacgcnatcg	ncgcagctac	ganccgngat	1140
gagnnntngg	angcgacgc	cgcntgcagc	gcangngacg	gncntgntgn	gcgtngtgc	1200
cnantangaa	ncncagcgtt	anancgngat	gaaggannta	tagacagnac	cnactggcga	1260
cnaagcaaa	cangatagac	tgtgacgc	gacagacggg	ngagggtng	atcgnnacaca	1320
gcacgcgcgg	ccacanacgt	acnnnantag	catcagannc	nacagaacnc	gacagannac	1380
agacanactt	gcatngngng	acgananaat	antcncncca	cgcacaganc	agacgagtag	1440

gcatgagcgt ngngcnnngtg annnananat gnagaggcan acnnagntnt nnanaancgc 1500
 tgnannnta cncagcggnn gcagannngn cgcncacngn ngcnnt 1546

<210> 4587
 <211> 1003
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1003)
 <223> n = A,T,C or G

<400> 4587
 tttttttgaa accttttnnn ntngaatacc nanacaaaact ctgnntgtct nngcgggatc 60
 centcaagtc cnatnecgcn cgagencanc tttntnnann tgtcgctct gagcccatga 120
 gncacgacnn cnttcnccgg cgctgnatt gncatntctc ccaaatacgt ggctnnccn 180
 cantnngaatt natcgnnatt tttagtgcc gannattggc nataatgtnc nccntgagan 240
 aaannctnct gncatgngaa accatcttna tacttgncgt nncnaaatnc attgtgannt 300
 ntgaagggga acgggcncn nnaaagngat gaatttcnna taacttnacn ggtnnatnan 360
 gaatgatttt gcncacanc ggaaaatcac cccactnntt tgnttcaaga ntggggccct 420
 aacggggaggg gtantagagg caaacntct ttgogggctn tntatttcc tttnttcaaa 480
 caccaatntt tgntgaanaa taacagtgtt ttnaattnaa ttaccaccgc ntncantgng 540
 attntttgnc ccattncaaa ggntgggtca attcccctaa aanaattggg aaanantaa 600
 tttncattt cntttttccn ttnaaangaa accntnccnt gnanttaaaa aanattctn 660
 tntnntccn caaatTTTT nnttttnaaa ccctnancg gctaaccagg nccgnttttc 720
 ggtgnccctn tttattgttg gccanntaaa nccccnttt aaaaaaattg gccttnaaaa 780
 aatccttacc atttttnna ancctaaaaa nggattaaac tttcaaancc gtnaantaaa 840
 tttnnggggg tttcatntnc tttgaactcc cctgcntcc cntanaattn gaattgncac 900
 attggtngna nccaaantat ggatntttca agannaanac tgggcttnca aatgnctttt 960
 ttcancnaat nanntnatat tgccattttg ngggccccc cnt 1003

<210> 4588
 <211> 997
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (997)
 <223> n = A,T,C or G

<400> 4588
 tagannctc tnetcttgaa gccntccca ncnactcgaa ttcggcacga gcaaaaaaaaa 60
 ggcttttccc tgatttccag aatgtactgg gtggtgtcca tctggtcttg ggatggtgta 120
 agcataagga tttattgaat gaaagtatga aagtgtggtt tttatttgaa agtcaaatat 180
 ttggcagntg gtgttcattt attctataaa ctttcaaaac agatgacaag ttttaaggaa 240
 atggggggccc taataccaaa tttggttgaa ttaaataaaa tcccaagat tcttttctaa 300
 ctttttctt ttttaaaaga caggggtctc acttctggtt gcccaggct gggaagtccc 360
 aatgggtgcc aatccttggg caagactttg cctgctaag ttttccctta aggctaaatg 420
 gttaaattaa gtgggtttt tgtggaaatt tcntaagaag cccatttaa agaagggtaa 480
 gttttttttg ggaattaaac ctggtttttt ccattcttac ctttaatgga agcctggacc 540
 tggtaagtgt cnattcccac ctttaatgga aacctggnaa cctgggtttt tccaatcccc 600
 tccttttaat ggaanccctg gaacctgggt aaattggggg gaaaaaaaat ggggtgggtg 660
 gtnggtncaa aaaaaaagg tttttaangg naatttgggg aaaagaaaaa attttccggg 720
 ccttgggtggc cntttttccc caagggttaa accttaaaaa aacccaaaaa gaaaacctgg 780

gttnggnccc	tttgggggtgg	ccccctttgg	ntttngggaa	aattccctttt	tcccaagaaa	840
tccantggaa	tncaagnaag	aaaaaaaaatn	gggggtggcnt	accaccttcc	aacaattttt	900
taaaaaaaaa	tggaccacnt	ggaccncccc	ctggaccatt	aaaccttccc	tttaaaattt	960
ancctaattg	ggggaaaaat	ttttttcccc	ccttngg			997

<210> 4589

<211> 945

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (945)

<223> n = A,T,C or G

<400> 4589

ttcnatanca	aagccttaac	ctcnggtttt	tttnttnaaa	aggcccccg	taatcccccc	60
aattcgggaa	tttttcgggc	atancnacct	tgcgttgang	gnganagcna	agtcgggttt	120
nggtngggna	ccnntgcatg	gnntagggan	nagnntangg	caaatacatta	tccgttnnnc	180
aanttgggac	gncgcncccc	cnaaaattng	ggtttaacca	ctttngngtn	ggggcccctt	240
tccaaagggtg	gntttcccgga	agggccnctt	ttttaannng	gaannttngg	aaaaccnttt	300
tttttttngg	ancaaanaact	tanaannngcn	cgggggcttt	ancccccntg	gtnataggcn	360
ttttggaccc	tncaagatgt	tcaacgtgan	tcntgccaaa	ggtttgggna	cttgggtgcan	420
gggaaanaaa	ttgaaccggc	caatgnggat	gccttgcaact	gaagaagnac	ntcaattgct	480
ttggagtctg	gagaaantgc	attattattn	gctacaagg	aancatnngn	atggactgnt	540
catngctgtg	natcgtntnt	nataatancn	gagccnaatg	aannacactt	ctantngttg	600
tactgnaata	ataggggttna	ngntnntagg	gcagnttggt	tcncaatcnc	cntangggat	660
cnatgggtaa	tgatgggtatc	tgnaancctg	ncatactgct	ttaannttnn	gggggaaaac	720
nggctgagta	cttgaagtgt	aatgnttcnt	tacntccagt	agcnananac	tggtatcatt	780
cagtttttnt	cantagnttc	nncaaggttaa	ngnanaatgt	ttttaagnaa	aaatnnggct	840
ttttgttng	gggggnanaa	aantttcnaa	gnaactcggt	gcctacnnaa	angtgcattn	900
ttttgtggaa	aaacaanttt	ttgccccgng	aaaaancant	ttttt		945

<210> 4590

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 4590

aatcatctct	accgttttgan	tgccngatcc	ctcgattcga	attcggcacg	agggccaggc	60
tggtctcgaa	cacctgacct	caggtgatcc	accctccttg	gcctcccaaa	gtgctgggat	120
tacaggcatg	agccactgtg	ccctgcctgt	aattttttatt	taatttttcc	ggtgatggca	180
tgagtgaatg	tccacattta	aagtattttt	ggttcacaca	tggcctttgt	ttattattta	240
tgagaaaaaa	ttatagaaat	aatttaaggg	tggtacagaa	atgcaaactc	agaggactta	300
aatgtacat	gaaaactcca	tttgatatga	caaataattt	acagggtcaaa	tattttaata	360
tttatatata	taatagatgc	cagtttagcac	aattgacaag	ttctctttta	cagaaaaggc	420
cccaaaatgt	cttctactga	tgccagatca	gttgattatc	tagggataga	tatctgaaat	480
aagctaggcc	aattttgattt	tctcactcag	gaattatttt	attgactaat	tttattagtt	540
cattcagtca	gcaagtattt	attgaaggcc	tggtacatgt	ttggttgcta	gagatcaatg	600
atggaaaaat	tcanataaag	tttctgcttc	aaacaaagaa	attaaattgg	ctagacatgg	660
gaaaatagnt	ggccttccca	aganggggaag	gttctataca	tttagtgctg	ntaaggccta	720

taagaactnc ctctggattt tntcccccn ttgc

754

<210> 4591
 <211> 1389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1389)
 <223> n = A,T,C or G

<400> 4591

cttnncttgn	tttnngccat	cntcntccgt	gtgcgtngcc	gctgcctntn	natnccnctg	60
tgtncacaan	nctgttgtgt	ctttacactg	ctcnagtga	tcggtnccgt	ncttggatcg	120
ggnggacctc	cttgggagat	caatncccc	gtcccttcta	cactttgctt	ctgtgaggaa	180
aagaatncca	acctntccag	cccttttaag	gttcccttca	tgaccttnaa	ccctaانccc	240
cccanaaaana	aanaaccaat	ttntttcaac	ccgggaattt	ttttgaaaaa	aaattcnccg	300
ggnggtantt	tngggaaatt	ttgaacccaa	aaccngaann	gggaatttta	atntttntnt	360
tttgaaaaaa	aaaaatgggg	gttccccatt	taggggtttc	ccaaccccc	caattggggt	420
ccccctttt	ttcccttngg	ggggananaa	agggaaagg	aacnccnngg	naaagggttt	480
tggggaangg	ncccaانccc	agggganaan	gggggggggt	tnccctctan	gggnnathtt	540
cttgggncca	aaaaaccccc	ccccattggt	ncccttttgg	ggnaaaaaaa	aaggggtaaa	600
ggnggggccc	aaacnaangg	gggtttggcc	ntntnttatt	nccnttccca	aaanggtttt	660
taaaaacctt	ttttccaana	aanccccctt	ttcccggggc	cccntttctt	ttttaaaagg	720
ggntttttcc	naaaaaaatt	tgggaatttt	ttgnttttcc	ccttgggtcc	ccttgggggg	780
ttccccctt	tannccccgg	cacntttttg	ggcccnttng	ggggggnaac	cctttaacca	840
aggcccaaag	gnccccnttt	cntttntttt	aacccaanng	gggggnnttn	cccccttaaa	900
ancnttttna	aaaaccccc	ttggaanttn	ggngnnaaaa	aaanaacccc	ccnttnnttn	960
cctttaancc	cccccntttt	aaanccagg	tcctntnccn	ttaacctttt	nggggnccct	1020
tancctnggg	nttaaaccct	ttttcgggaa	ttccaaattg	gggnaaaaag	gtgngggggg	1080
ggcccntttg	gcccccaact	ttttgggaat	tanggnaaaa	canttttttc	gtaaaagnaa	1140
ggcccaactt	tgccttaaat	tttttttttg	gaaaaaaaaa	gggaagggnt	ttttgggaaa	1200
attaaattgg	gnttaaaaaa	naaataacna	antttgggca	aancnngggg	gancnttttt	1260
tnaaaagtgt	ncnttttccc	cnttttnccc	ccanttccgn	aaangggaaa	gaagnaaatt	1320
tnccgggtnn	tttatttccc	canncccccc	nttttttttn	ggggggnaaa	aaaaaatntt	1380
ttttccntt						1389

<210> 4592
 <211> 955
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (955)
 <223> n = A,T,C or G

<400> 4592

actttgatat	tattaaaaanc	ccttttncccc	gattttttcta	aatgggnccac	gggaatnccc	60
ccnattccgg	aattttncggg	gtgggaaccc	tnggcccnag	ccnttaccn	angttgggtt	120
tttccccgga	aaaaaaatgg	gaagggggnt	tgtntgtaat	ggtgtntccc	ccaatttttg	180
gccaaagaaa	gcccaagggg	gaacaaagcc	aaggttccaa	ttcccccccc	aattaaagcc	240
cccccttctt	tggaaaagg	gaaagggggg	gaangggggn	aatttgcctt	ttaaaaaaaa	300
gccaaanggg	ccaagttttt	cttgggtcca	aagttttctt	tgaaccgttg	gggcaaaagg	360
tggcccaant	tggcaaaact	tttgggtgcc	cgggaangga	agtcttttaa	ggaaagtgcc	420

tggtcantaa	attcaataan	gggtccaaga	accaaacaat	cttgggaatga	aatgaaccca	480
cctgggaaatg	tggtgtggct	gacccacaag	gaagggtgaat	cctcttgctt	ggggtgctta	540
tggtgtcagg	ttgcttnctt	ccacatctct	catttgctta	aagcagctac	aaaaggatcc	600
aaagactcat	gagactaaaa	atcattctga	ggacaaagag	acaaagatct	gnctgtggtc	660
acactgtgag	gcttgcttac	actgatgttc	tctatgggag	gtcactgaag	acattcagcc	720
ccacacgaga	agatcagagc	aacttggaaa	ccccaaagg	agacacaccc	tttaacactt	780
gccgtgctgt	gcttgtgccc	tgtccttnaa	ggaaggaaaa	gaccctatct	cctctggggt	840
ttgntggctt	gacanttgca	acttgatcat	gcctttgact	ncntcatctt	nttaacaaga	900
aggaaagaac	ttgtttttta	ttcnaaaccc	ttttnaattt	nnngggggggg	ttccc	955

<210> 4593

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 4593

nnaaaacccc	ttngnnngna	cnncttttga	atnccctttg	cnactngctc	ttntngcnng	60
gatcccatcg	attcgctaac	aagcgattnt	aaaccaccta	tgagtatctc	ttntagggct	120
ttcttaanta	catgttngna	tatactgtat	nntagccana	ntaatTTtnn	atctgatcag	180
gtagtngcta	aaattagaaa	aaaacaaant	agatgcttaa	agaatttgca	tccatttttg	240
agtctaaatc	ttttaaaata	tactgagatc	cacatctagt	gaaatgtcag	tgtcaaaata	300
ttatagatta	tagctaaaat	ccagattaat	actcattngg	ggttttttat	agtggaaact	360
catagtntata	caaaangcag	atngtcttcc	tgtctccgct	gctnccacag	taggtattga	420
aactggtnaa	atcagntcct	ngatagtgtg	tgtatataag	aaaanataga	tacncacatt	480
cttttttctc	agtcaacaca	ttgattgaac	actctggcaa	agatgctgng	gtggatgagg	540
ttggagttn	aaagaagaag	canagcgctg	gcctgccttg	aaagaaccga	agtctttcnc	600
attcacttct	ntagaaagct	gcgaagacag	angcagaaa	aaatggatga	taggtctgct	660
aagcacactt	ctggntctct	tagaacttag	aagtgnctt	aagagaacan	aagnctaacg	720
agaaacagtt	cntngtngaa	tcaacaatct	ttngngtgga	accccnttgg	cntttttttt	780

<210> 4594

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (902)

<223> n = A,T,C or G

<400> 4594

cttttttcca	aaaaccccct	taccttggtt	tttttttaaa	tggtcccggg	antnccncca	60
ttgcgcnaatt	tnccgnaaaa	tttnccgggnc	caccggaagg	aaaattagcc	catgggaagc	120
ccggtncag	gaaaaaacca	gggnccagg	aatttccaaa	aaatccctgg	tttantcccc	180
aaagnaattg	cccaaggtn	ggtttaatgg	tnacctcct	aaagcccttc	caagtttttc	240
cantccaatc	cttgggaata	ataacaatat	tggggtagct	taatccttaa	caangggggg	300
tggtggaata	acctataacc	ttaattaatg	gtattntgag	gggcattagc	naaagcattt	360
nggcacatac	tagtgcccaa	nggtgtntct	atttgctgtg	ctacatggnt	acccctttct	420
ntccctgana	aatctcagga	tttgggcaca	ctgcactact	catntaacnt	aaaataaaca	480
naggccgncc	ngtggtcac	tctgtatcca	cacttgggat	gtgacgcgcg	atcacaagg	540
angagatcna	gacatctact	atctgngana	cngtcttct	aaaaatcaaa	aantaccggc	600

cgggtggcggc	acctgtntnn	cactctntgg	agactgaggc	angagaatgg	ngtgaacnccn	660
nagggcgact	tgcagtgagc	cgagataagt	gctactgcag	tncgggnctg	ggtgaangag	720
caaagactnc	gncttcanaa	nttaaaantna	gtcananccc	aaaattaagc	aagggttgac	780
ccccanttan	ttaaaaaaan	ttcccgggtt	naaaatttgg	gaaagccttt	tnccaagttc	840
ntntttaaat	ccccaattta	ntttaaagcc	cccccttngg	gggttttaaa	aaanncccaa	900
ag						902

<210> 4595

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4595

ccnntttttt	ttgnattttt	tcccannttc	ccccntttac	cttnggggtt	ttcttttttt	60
tnggccaaag	ggtaatnccc	cccnattccg	gaatttttnc	ggcaaatttt	cggtngccaa	120
cgggaaagcg	aanttnctta	gacgtgggga	aaaaagnc	tttgncttac	cccccnann	180
tanagngggg	tnggggncca	aaccaaagtc	aangggggta	ccnactttgn	nnaacctngc	240
ctgggaatng	aaacccgggt	ttcntnggtt	ttccnattcc	ccccattttc	ccgntntttt	300
atttttnaat	cggaaaattt	gntaaaaacn	cggcgggtgg	atttaccngn	cccttttttt	360
cantcggatt	tttnnaaaaa	anaagaggag	tggcaaagga	aacccctttc	tacacataac	420
tgaangccac	cagtgtattca	gtncacagaga	ggaggggcnt	nncatannta	tattcatcna	480
tgcagcagga	ttttcngta	aaaaaatcgt	tatcaggcta	cacacatgga	ggaggctggn	540
ntcgcattgg	gaaataccac	actngatata	cactgnatct	tgacctactc	ggccgacnng	600
catnaggat	anntgtcnc	ntntttttct	ttcctttgat	ntttncngtg	tcgnttagaa	660
caaagctcaa	tctntcatnt	angntcantg	cntngtcnca	attnagttt	aacttggtgc	720
cntgatcttn	ccaggnttaa	gcnaattttt	gggccttttag	ccctcncaaa	ttacnctttg	780
gactacacgg	cntttaaccc	agccttgccc	tgggcntgaa	ttcctgngat	ccttttnggt	840
aanaaaaatg	gggggtttcc	aaccattttt	gggttttttt	ttnggggggg	g	891

<210> 4596

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4596

cannnncgtc	gannannnan	nccnaannaa	anannnatna	angnnncnna	nannnnacn	60
nnntcatngt	naccttgaan	ccttcaactc	ttgcgtctcg	angnnccaag	nancgnanng	120
gaacgagcca	anntttnacg	ggcnancntg	canccacccc	aagacannna	tnggcaanng	180
ggcaanncaa	cggagtncan	nnaactnaaa	cnggntgcca	nagataccgg	cntntgcca	240
agaantnngc	tgngcaattg	atganaaant	atgagnagcc	cncctcgatc	ggganggcna	300
cangggccgn	aannngnctn	acnctgngca	gngcatnatg	agcggcaaaa	ngngnagctt	360
gaanncanna	tanannngata	ctcnagcngg	angccgggag	tgaannacnc	nanngctata	420
taacctaacn	ttnaacnaga	tgggncaaca	atgccnanaa	cagggncacn	ntangaaang	480
ttggggacgc	ccccatccgg	gaccangaca	catgagntac	tncntcaang	acanagatca	540
acacangggg	gaanacanca	cacactgcnn	taacngaagc	atgaanggaa	atgtggcctt	600
tcacnaaaa	cgnacaangg	attgctagat	tgaanacaac	cttaaccctn	ctntagcact	660

tggcgattnn	nntntacggg	aaanggnncg	caaangaggc	tnctnntgng	aaaaaaaggn	720
ccnntctcag	ggaaactttt	tccccgngna	acccccagca	ttgtggnccg	ggcaccccca	780
gggttanttc	ctacaaaagt	nccgngggcc	cccccccccc	cncennct		828

<210> 4597

<211> 1395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1395)

<223> n = A,T,C or G

<400> 4597

accccccaacc	nncgccccnn	cccccaagcn	nnacgcncng	gcgcnaangc	gnnnacgggg	60
cacgcggcng	cctntgaacg	cttggaaacn	cncctcgacg	cgcgggccng	cacnaanngn	120
ccgngcngnc	cccgncgcng	gnnnnnnang	cctttncnnc	ccnnnacnnn	ncacnccnga	180
aagcccnccc	cncgcnaacc	gagnaccnnc	ncennccnnc	nccganccnc	ncgcgcncng	240
ggncggnant	nnngngggcc	nanacnnacc	gncnnnnncg	nncaccncng	accaaggcnn	300
nncccaacag	accnnagnnn	nnncnncacc	ccnccannccn	nnccnccatac	ngccncnatg	360
cnaccacacn	ccccanccan	cagncnnnga	cctcccaaac	gccccnctca	acgncnancn	420
ncacgcgacn	acngccgcnn	anncgctcna	nncngccan	ccacnnacca	ncgcnncagc	480
cgncgcncag	cccggnccac	nncnagcacn	acnggctngc	accannnnnc	acctnnnecg	540
acnccaaacg	cnnctnccng	cncnncncca	ngcnncaegn	acgaccann	ncnccagagc	600
gnnaccann	cagcacgncn	gnannatcnc	gccccgcncn	ngcgcnctan	anacgcgcgc	660
aananaagcn	nnccnnnca	caancngcng	annangtnna	gcnnnnngnct	gnacnanaca	720
cacnnnacca	cnccnccat	gnncanacan	gcngcnnttc	tnatcnnnnn	ngccatntnn	780
cannaancnt	ncacccccna	gngnagnnca	aanatgnngc	ancnccntcc	cgngntanan	840
cncggacnac	ncagncanca	tacngancgn	cncangggag	nnccntccg	ancncgaan	900
gncnncann	nccgnccann	cnntnncaca	acgnacacga	cnangnnccg	agcaccnccg	960
cggccangcn	ngacggccan	ancnancagc	gcaccacnan	accacaggng	nncnnncaac	1020
gnncacaacn	nngcanaacc	annnaccct	angacannac	gggncanccg	ngncgancnn	1080
nccngcancg	ctacgancan	cgcgnantgc	gccccagacg	anacacgnac	annnnannnn	1140
gngngctccn	gacanncncc	gccacacnc	tnccgncccc	cncnccagc	agntcgnttc	1200
nccaccgcag	acgncanag	ctacctcnnc	cngnntnnnc	ccnnnccgca	cancctann	1260
netacnangn	acgnntcgcn	naacantcgc	ancnccancc	tnccnncacc	acnatgngat	1320
ntccgcgant	gcacanncn	nngngccnnc	tnccanntag	acaccangca	gannngtnc	1380
nnancgcngc	cnccg					1395

<210> 4598

<211> 1053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1053)

<223> n = A,T,C or G

<400> 4598

gtgncctccc	ntccttttca	annnnntngg	aantctcnct	cgctntntcg	tgcnnnccgc	60
nntgtgatng	cangantact	gagatgggat	ncnncccaacg	tngccnttn	ctggctcct	120
gagctcaaan	cnggncagat	tgttnggatt	acagntgtga	ncctcccttc	cnnctgncan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantnccca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	ggnatnnnat	ggnagctann	300

tnngntccnc	ngnnaccttc	ngnecccngg	nanctnntgn	nttctnnate	ctccannnet	360
ntcanntagc	ncngnnattt	tnancattnt	tcacacnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccgnn	gtctctttcn	nntcnctntn	ntgccngnet	ctcctnnncn	480
nnnnngtncc	ctantntgt	taccncanca	tctngtteta	cnntcaacat	ttgnntntng	540
nnattaacat	tncngtctgn	tcanccttcgn	tncttcannt	nnnannctnt	tgnnnecgnan	600
tengttantt	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcngnccct	720
nntgnttnta	atactcaacg	tcaccnttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	nanannatann	ttatactnga	ntnatctagc	tcgcctcaca	ntanancac	840
nntnecgancg	tnntnnnctn	ntnnatnate	tnctnnctnn	tattatctcn	atcccgneta	900
tatnnattnt	ttngngnnanc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgentncnn	gcttntgatn	tngtctanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagnccctgn	ncc			1053

<210> 4599

<211> 1053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1053)

<223> n = A,T,C or G

<400> 4599

gtgnccctccc	ntccttttca	annnnntngg	aantctcnct	cgtntntctg	tgcnnnecgc	60
nntgtgatng	cangantact	gagatgggat	ncnnccacg	tngccnttn	ctggctctct	120
gagctcaaan	cnngncagat	tgtnnggatt	acagntgtga	ncctccctc	cnngctgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantnceca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	gnnatnnnat	ggagctann	300
tnngntccnc	ngnnaccttc	ngnecccngg	nanctnntgn	nttctnnate	ctccannnet	360
ntcanntagc	ncngnnattt	tnancattnt	tcacacnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccgnn	gtctctttcn	nntcnctntn	ntgccngnet	ctcctnnncn	480
nnnnngtncc	ctantntgt	taccncanca	tctngtteta	cnntcaacat	ttgnntntng	540
nnattaacat	tncngtctgn	tcanccttcgn	tncttcannt	nnnannctnt	tgnnnecgnan	600
tengttantt	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcngnccct	720
nntgnttnta	atactcaacg	tcaccnttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	nanannatann	ttatactnga	ntnatctagc	tcgcctcaca	ntanancac	840
nntnecgancg	tnntnnnctn	ntnnatnate	tnctnnctnn	tattatctcn	atcccgneta	900
tatnnattnt	ttngngnnanc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgentncnn	gcttntgatn	tngtctanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagnccctgn	ncc			1053

<210> 4600

<211> 1020

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1020)

<223> n = A,T,C or G

<400> 4600

tnntaatcctt	cttntctattn	nttnggaate	nnantngctc	tatngcgctt	gggcenatgg	60
-------------	-------------	------------	------------	------------	------------	----

atgccggana	actnnnatgg	gatttttccn	acgttgccna	ttctggncnc	ctgagctcaa	120
agcaangcng	gattgctnng	attacagctg	tgagccancg	ngcctggctg	anatgacttt	180
tanaaaaaga	ctnctntaaa	gtagaangaa	nggtggaatt	gtatgcacaa	naagaaaaaa	240
acctgnaaga	aaaacatact	aaagaggctg	gantgcaatg	gcncgatctt	ggcncaccga	300
aacctcngtc	tcengggctn	aagtgattnt	cctgccnnag	netcccaggt	angctgggat	360
tcaacnnatg	nnccaccann	ccnggtnat	tntgaatngn	tantntcnga	cctgttccctc	420
tccatagant	ggntcncgga	anntctncca	tnttcnntga	nctacangnn	ntnncnannc	480
tantanntnn	ntcnccttan	tnnngntact	ntnnanntna	tcatnttnaa	ntggntctct	540
atctcnantt	cactaatngn	cctngnacna	tnattancgn	naccnnctat	aaaatacaca	600
tncntgnttc	nnntnanata	caatnacatc	cntngtgagn	cactnactna	nacngtgatc	660
tctcgcantn	tntcnatcnn	nccnccatat	nnccanggca	catctatntc	agatnnaact	720
canctngtan	tattnagana	cncctcgacnc	actntctgtt	atacttntnn	cantctntaa	780
tagagntntt	ncganncnnn	cttctgntnn	ncnanacnac	attntntntgt	tacatcntnn	840
atatngcctc	tnattntanc	ntcgtannnc	attntncnnt	tctncnctca	ttancnntnn	900
tancantcnt	cncncnntat	ntaaanncgt	ncacacagtg	cnnnntatnc	accgaannta	960
cntnnacntt	atcacataat	cncctgagtnn	atatactcnn	gttnntctat	tcnctatecc	1020

<210> 4601

<211> 1081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1081)

<223> n = A,T,C or G

<400> 4601

ttnaaccttc	accaccggtc	angatccctc	gattcgacga	acccaagagc	aaaagcagcc	60
ttcactnact	gtcccatgaa	ncaaaaattg	gatcttttct	aagcaacaga	aacttttagga	120
tggnangac	aaaagctnng	ncttnntccn	tntganntan	natatgnaat	ggagattctt	180
tctnatgnng	atcccattcn	gttagccnta	aaaannncat	acngncnnnn	cggaatngga	240
ccttagcaaa	ccaaatgcgg	naaagcctga	tggnccgaatt	ngaangangc	cactgncccc	300
ttaaaaaatt	gagcctcnn	cttnccctgg	gcgggnaaac	ccccttcctt	nttnaaccgc	360
ttcttnntag	ntcaaaaagn	gnngtaaatn	nccccgggtt	cttatagnat	cttgntaacc	420
tntatccttt	gtttgaacaa	cttttcatcc	cctnttntnt	ccccgggnaa	aagncttctt	480
aaaaatgggn	gggncctttt	cnttttantg	gatttttcca	atnnttaaac	ngcttttaaat	540
cggnttcctt	aaggananc	cgggaaaaaa	aaaatttgan	tttnggggga	agnaagnatt	600
tccaacggna	agaanccnt	ttcccttggg	nggccaaaa	atttnatgga	cnctttttta	660
ttttcccccc	cttttggtta	aaggnccttn	ggaantggac	ccccttctnc	cacctttaaa	720
aanacctngg	ggctnggtcn	tttgcccaaa	ccataanaag	ttgggaatag	ctatggcccc	780
ggtnttttaa	ancccttgng	gaaaaaaaan	gggttngcc	ntttnttttn	cncnccgtaa	840
tttnnaaagg	gggggggttt	tttttctnc	ntttttaaac	caaanggggn	cccaatttng	900
gggaacctgg	gaaaccnngg	gtttccccca	tttttttttt	tttttttttt	ttaancaatt	960
aaanaaaatt	cccacanttt	nttttttttg	ngnaaaangg	ttntttggga	acccccctt	1020
ttattanggn	ggngggcccc	tttgggnaaa	aanattnttt	tnntttnggg	cgnaaaaaaa	1080
a						1081

<210> 4602

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 4602

cgtnttttaa	cncttnnact	cccgtgcttn	atgccgancc	acncgtactt	aactggcgcg	60
ngatgtgtgc	tttngtnagg	catcactttt	cccaagnatt	tcatgttcat	ngtaaagagg	120
aaaaatacan	attnctctat	aatgtctcca	ctnattggct	aantcgccac	ttntcatctn	180
tgtgggaaat	gccangtttt	gaantcaagc	cttcnnnaat	tnngaacatt	tnttncaang	240
tttattcccc	aattgcgggg	ggaanatccc	tnacctggct	naaaaatnaa	atttctttaa	300
cccattngga	aattngcnta	aggnnccaaa	anaatttttg	gcncctggcct	ntcttttaan	360
ggnccttttt	ncccaaaaaa	nggaaatttg	gccccaaatt	cttggnggga	cccctgggcc	420
aacncctttc	cccttgga	ccnaagnccc	cgggggaccc	attggccttt	naaanaaaat	480
gggnanttng	gncccnanaa	aaaaacnccc	cctngggggg	aaaaanttta	aaanngggnt	540
nggccccntt	taaaaccaaa	gnggttgga	aaaantaagg	nncccttacc	ntaattttna	600
acagnttanc	cctttttttg	tcctgggaac	caaattggng	gnatnaaagg	cggaaaataa	660
atttgggaat	nccccacccc	caattntngg	gaanagtnat	ttggncnttt	ttnaaacaat	720
ngggaaaaaa	tctttaaggt	ccnaatnacc	cctggggggc	ttggaaaagt	tnttcaaaaa	780
nggatttncc	aaaaccctaa	cccttcccc	aaaaaaaaag	gggattccaa	ngggtttant	840
tnccctcaaa	tncaggtanc	ctgnccctta	aattattatt	aaaagccacc	cttcccgga	900
agaatccaaa	tnccgnaacc	anagttttaa	aaaanccaan	ngaagccttg	ggncangggc	960
agttttanaa	gaaatgggcc	cnaacaaccc	cgggttttgn	aaaaaagagg	accngggggt	1020
tttttttttt	ttnaaaaaaa	aaangg				1046

<210> 4603

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4603

ttcatcctnt	ntngcttttg	tgcagatncc	tcgattcgtg	agtgtgtaac	tcctaaatta	60
gaacactttg	gtatctctga	atatactatg	tgtttaaatg	aagattacac	aatgggactt	120
aaaaatgoga	gggaataata	aaagtggagg	ggcccttaga	tacagaatcc	aggctcaatg	180
gataaatgtt	tttggccctt	cccaccccca	tcattccagna	gttgggaaaa	aaagtgatgc	240
cgaatatacc	caactcttcc	ttttggtacc	ctaccatttc	tgggtacctc	tgggtttttg	300
aaaaattccc	atcntaccaa	aggaaacagg	cattagcctt	ttgggtattn	ccccaaaant	360
tacccccant	tanttcaaaa	aaacaaaaaa	taggtttcaa	ttcaaaaatg	ggaatttttg	420
gnaaagtttg	gaaagaatcc	ggtacctttc	ggtttggggg	tttttaaaaa	ttccaagaac	480
caccattgcc	ttttggagga	aattttttaa	ccaggaattc	ccctttnttt	tcaaccctta	540
cgggaatttt	cntttcttta	atggaagnaa	attctggcnt	caagaaacaa	cccttaccac	600
ccnttccaag	aaagggttaac	cttnaaaant	ttcccagaaa	agaatanttc	ntnccagcnt	660
ttttntcaaa	aaataccaac	ctccaaacct	tagcttnctt	ccaatagcca	atttaaagcc	720
gtgccncccc	agtnaaaagg	ntcctttaa	atggacagaa	catncgagat	gtcagcaaca	780
aagaaactga	aattccgtgg	atctatncac	acagaactgg	aaaaaaaaaa	aaaaaactcg	840
gcctctanac	tatagggggg	ccgattacgt	aaattccccc	ccagggnaaa	n	891

<210> 4604

<211> 877

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(877)

<223> n = A,T,C or G

<400> 4604

tcgnttngac	tnttgaat	ngaagccntg	cgngaaccct	cangacncan	ncgnnncgag	60
nggnantgnn	ccnatnctn	agatttttct	gggnantg	catgnggtct	nnnaaggcgg	120
ntnctngaag	aaccctngnt	tgaattacna	nagagngccn	ngnattnnaa	gccaatatn	180
tggcnngcgg	tgtccattaa	ttntatancc	nngcnanaca	gatgacactg	ttttaaggaa	240
atggngccna	acccaanccg	ggtggaanga	atgaatnnca	agantnggtc	tancggggan	300
ttttttaaag	acanggtctn	actctgttgc	ccatgctgga	gaccaatggg	gcaatcttgg	360
cagantggc	tgatagttat	ccttnggctn	ccgnaantnn	cggnnaccgn	gaaccccata	420
gccgttaaga	aggtnaggcc	tntggaatga	aaccgtttnc	cancaaacna	aaagagctga	480
ctgnnaaacn	catcccacta	antggaaccn	nnnccggctt	ntnaanncnt	cnntnattna	540
ncctggacct	ggccctaggg	ggaaanaaaa	agntgccngt	tggcnaaang	gaggntnccct	600
ttnttttgnn	naaaciaaagg	attnccggnt	tgaannccct	gtcccncaga	tgtntcntaa	660
aggacccccca	taaaaccngg	gnnccgncca	aggggaggnc	cccgttggga	tnttnggagg	720
attccttttc	cccaataaaa	actnttacct	agnttggnng	agcnnggcng	ccaacccctc	780
cccgnttnan	tcnttnaaan	cncctctctng	aacnccctc	nnnatntgct	cccatttnaa	840
ngnnccaat	ggggtttttt	ttttnttnna	nnnccct			877

<210> 4605

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(854)

<223> n = A,T,C or G

<400> 4605

nnatcanttt	atcangcttt	ntnntcnntt	tgcaggatcc	catcgattcg	catctggcnc	60
gaggngccat	aantcantt	tnaaanngaa	ttntttttaa	ntggangana	tnctntcgnt	120
nganttcngg	cttntgang	gngacggnta	gnnantcnan	acacacttnc	tnnacattaa	180
tggganncgn	gcctganctc	ggganctncc	aaaangttng	nntttcctac	gaatgancac	240
nccttggnct	gngnggaatn	cgggcgantt	agngctgcna	tgggtgacatt	attntncta	300
tataacanta	ttgctggcnt	ncctaccgna	gnnnntnnac	cctgnantgt	ggcactnccc	360
tncatatcca	nanntcctcc	gactgtatat	gccttcctgt	cngcatacaa	nnnangccta	420
tancttaann	gnaaccanan	nnntgnggaa	nggatgante	caatacatgt	gnncattntt	480
ncatgngtgt	tccnacatgt	ggncctcgaa	nctcangctt	tggaaaccag	ngtttcacgn	540
gacaatgana	cctttccatg	cttntntgce	ccncaatntn	cctcaatttn	nttataanca	600
aaaaattttt	nnntntattt	canaaggngg	tccagtantt	ttnttnacat	ggganngact	660
ttaaaattnc	ctaagcaagg	ggaanccatc	ttttaangan	cattaanttt	ctntggggggg	720
anaatccaaa	ccanancctn	gaaccttttt	tcaatgaact	tntngcaacn	ttattttttg	780
agcanccaat	ttttttcggt	tgaattcccc	aaanacaaat	tgtgttttag	aggnnnnaaa	840
aaatcncttc	cnct					854

<210> 4606

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1401)

<223> n = A,T,C or G

<400> 4606

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ccttttgaaa ttttttnaaa atttccnttt accnccgggtt tttttttnaa tggggccnccg 60
gaatccccc natnccgggaa ttttccgnen tnccttctt gggaanagga aaaaatnaaa 120
tntnngagtt tantggccca cnataagggg aatccaaagt tngccaaang tttanatggc 180
ctgggtntng ttgcntccca actggaacct ggggggttcc caagggggga acccccggg 240
aagaacccta ncccaaactt gaattttaan aagaatggaa gaaagnggg gtttanctgg 300
ggtcaagaat ggaaacaaat ncctttccac tnaatgggcg gtggaaatgg gcccttttaa 360
ccanggaaga atgcctttgg caggcaangg aaggaattgg ccaagaatgg tcccttggct 420
tccacaagta ntccattggg caggncaaaa tggaacnatg gtcggaatga aataatgggt 480
tncccccnaa aaatcattan ntagtngaac nttttttggg ttnggaaanc cttccttggg 540
gccnntaaat taaaagaaaa aaatggnaaa gaatgaatgg taacaagaat tanttgttca 600
aaccngggac cttntttcaa agccaagtaa ntttaagtng gaaagtctct cggaatttgg 660
aaaaaaaaanc cntttaaaaa aggnaaccaa attttttccc aggnaaaaat ttgggaaaaat 720
naccttggtn aagnaaaant ttccttggat tttcnttttt taaaacaaag ttaaggccca 780
aggggggnaa aaaantgggt tttnaaaacc ttanccaagg ggggttggga cccaaaaaaa 840
aaaaaaaaatt anccccccc aaggggnttg naaaaaacc aacctttggg gccttttttt 900
tgggggttaa anggaaaaaa tttngggngg gncccaaggg tcccanntt ttnaaaaaa 960
aaaagggtcc naaaaaaaa antttttttt ttttttnggg aaaccntttt ttttntttt 1020
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anttttttta aggggggggg ggaaaaaatt aagggtttcn aaaaaaaan tttttttaac 1200
ctttgggttt tggaaaaaaa aaaaaaccca aggttttggg cctttanttg gttgggcct 1260
ttttntttt taacccccct tgggttttcc ttgggttttc cccaaaattt tttttggcct 1320
tgggggaatt tttnggggaa accaanttaa agnncccan tttttccnt ttttttggg 1380
ggggggaaaa aaaaaaanna n 1401

```

<210> 4607

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4607

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ngnnnnntt tcnaaanccc ttttcnaatn ccttggctat ttgatctcct tgcangatec 60
catcgattcg aattcggcac gagacctct ctggccacat ggaggcagtt tcctcagttc 120
tgtggtcaga tgctgaagaa atctgcagt catcttggga ccatacaatt agagtgtggg 180
atgttgagtc tggcagtcct aagtcaact tgacaggaaa tnaagtgtnt aattgtattt 240
cctattctcc actttgtaaa cgtttagcat ctggaagcac agataggcat atcagactgt 300
gggatccccg aactaaagat ggttccttgg tgcgctgtc cctaacgtca catactgggt 360
gggtgacatc agtaaaatgg tctcctacc atgaacagca gctgatttca ggatctttag 420
ataacattgt taagctgtgg gatacaagaa gttgtaaggc tcctctctat gatctggctg 480
ctcatgaaga caaagtcttg agtgtagact ggacagacac agggctactt ctgagtggag 540
gagcagacaa taaattgtat tcctcagata ttcacctacc actttccatg ttggggcatg 600
aaagtgaaca ataatttgct atagagatta tttctgtaaa atgaaattgg tagagaacca 660
tgaaattaca tagatgcana tgcngaaagc cagccttttg aagttatata atgttttcnc 720
ccttataaca gcttaacgta ttacttttcc ttatttggnt tatnataana nagntgngtt 780
antaaan 788

```

<210> 4608

<211> 793

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4608

tgntcnccta	gggaaaccct	anngaaaagc	ccnccanntt	tggnnaaaac	tncgctncan	60
ntgacgtcca	cacaccctnc	tcgggtagag	ntcattttgt	ggcaacggaa	tgcncggnc	120
aaacagnagn	gnatnttnnn	ggcacagaag	gccngngcca	ntttcatgga	cacctggctg	180
gacctcngng	gaagngaact	ncgataagat	gngtgcgttc	actgcagnac	ctcacantga	240
taccgtccnc	tctaattgga	cngancctcc	ccacatgcac	ncnccactca	aanggagntt	300
naaaggctgg	gttcaggtta	caggggcgtt	ttcttcaccg	tctgaatgcn	ggaagacaga	360
ntacnagctc	cagaggagcg	ngggcgggag	acggagctga	natgcnngat	gtctaggaaa	420
ncgtcctcgn	attcctnagc	gcgggcngcn	ngactgntcg	cggcccttgc	ctgncttnca	480
ngagcgcttc	aacttnnncc	aacacaccen	cggnetgatg	ttccctnnct	ccggcggcct	540
gcacacccca	acnatgcctg	actnggangg	ctcncctnnc	cacacngacc	ntganttnng	600
gnncaagtna	cancctgtnc	caaantaccg	nttaatncca	aaagngnacc	cntgaaaagg	660
aancggncgg	ggncctntag	ccngngntnn	ancnggancc	gggnnnncnn	ngngnangnt	720
ngaaagggtt	cncctgancc	ntttntcgnc	ncctcgnatn	natgcntccc	cnggcantag	780
ncnaentcan	ncg					793

<210> 4609
 <211> 1104
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1104)
 <223> n = A,T,C or G

<400> 4609

nncnaaaaacn	ctttnnnctc	ccgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggaaaagg	gacagcgtgg	ataaaaaggt	tttttaaaaa	catgggatgg	ttaaaggctg	120
gtttttgctt	tgggaagaaa	gaacttnggg	gaactggggg	ancaggtctt	ttaagaatat	180
ttaatttgga	aaaatgcctg	ggccacctgg	tcctaatacct	gggaatcccc	aaggggcttt	240
ggaanctaag	ggaattttga	agggaaagtt	caccaagggg	aaagccaaga	atttccaagt	300
cctggaccaa	ttttatttcc	antgccaaa	gttttttttt	gggtgcctgg	taagttatta	360
ttgaatggaa	aaagaatggt	aaaaagcctt	gaaattaaaa	ggccatttaa	ttttcctgcc	420
ccctaagaag	tttggtttcc	accagcccc	taaattccaa	gggccattaa	tgggaataat	480
ggttaaaaa	caaatagaac	ctggtaaaac	cgtnggttta	ttacgaatgg	ttnaaaggan	540
ccaaaaaatt	ttaaaaaaa	angggggggn	tttttttaaa	naaaaaaann	gaagggccat	600
taaaagggaa	nccccctcca	aattggccaa	nangaatttt	ggaaggggac	ccanttnaat	660
tttttttaat	ttnttggaag	ccctttttaa	aaaaagaatg	gaaattaagg	ggtgggtttc	720
ttccaangga	aagggttaag	gggaatcctt	gggccttgga	aaaangggga	aaattaaatt	780
cctggaggcc	aaaaagggtt	aattgaaaaa	ccaagcccct	taatngccnn	tttaagnaag	840
naaaaaaaa	gggttccttt	ttttaaattn	aaaggggcaa	tttttngggg	ggntttnggg	900
gggggggaaa	ancccttttg	gnaaaaaaa	aagggaaaaa	attngggggg	naaanccctt	960
nggggtnccc	acccaaccca	aggggggncc	cccttttggg	nggggttggg	ccccnaaaa	1020
acccttaaaa	aggggggggg	tttttngggg	aaaaaaaaa	atnaaanaaa	tttngggnaa	1080
aggggcccc	aaaaaaaaa	aaat				1104

<210> 4610
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4610
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 ncnagctana cctcntatga gggtnncntn cagggctacn gtgattacat gnatgtntat 120
 nctggnnngt agccgctant ganttgatat ctgncagggt nactcctaga tgtcngnaac 180
 cgcgtganat ctgccgcccc acctnagcat gnatntgagc gtctatcaca nctnnnnngan 240
 actgggatnc acatntatgg anttgnnenn gacaanatga tatanntgnt nctntntant 300
 cngantaant ctaatttnnn gntatgtnta nngganentc atacctgtac aagacgcnc 360
 tagcntgant gnctangctg ctnaccacat gtaggnattg aaannggtta nnttagacca 420
 tgnacannt gtgcctatac ttaaaagatc tnttgactan atgctgctcc ttgtagtacn 480
 nnaccctga tctggncacc nctggtnant tantgctgtt ngccnnatna ggtacggtag 540
 tttnganang ancatanctg gcgctacgnc nggcenttan ntganccncc atanacatcn 600
 nctattattg ataccngccc ttaggatnag gcngtgtcaa atggatganc naccantagg 660
 cnantnttgg tntcgtaacna cttggnaacg cccttagagt aatnaaangg gaagntgaaa 720
 cnggggcntn gggaaattan acatcgttgg cntgangcnt aggcttnctn atntttggn 780
 ngann 785

<210> 4611
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4611
 gatntntttt tcaaanccgt aggctactcg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag gaaagctcat taccagtagg acataatttt tggctctccc tattcacaac 120
 cagtgcacag tttgacacag tggcctcagg ttcacagtgc accatgtcac tgtgctatcc 180
 tacgaaatca tttgtttcta agttgtgttt attcctggag tgacatgccca ccccgaaatgg 240
 ctcactttca ctgaggatgc tgtcctctga ttttagctgct gcctccagcc tctggcttga 300
 gaacttacta aaggcacttc cttcctgtta aaccctctgt aactctccat aaatttggtg 360
 attctctgct aggcctaaga ttttgagtta acatctcttg aagccaaact ccacctctg 420
 tgctttttgc ttgggataat ggagtttttc tttaganaca gtgccaagaa tgacaaagat 480
 nttaaaaaaa anagaaagaa angnaaaaaa aaaanccct nactttttaa agnaaaattn 540
 cctnacnagg attttttaan tatnagntna ttcttttacc canttttct ttnctant 600
 tcctnngat ntthttccaan ctnaanggct ggggnatttt aaacttcant ancttggtga 660
 aagacaaaaa ggtggttttt tgganttnag naaatttttt ggaaaatctg gcntaatnct 720
 taaatttggt aaaaaatttn nggaaaattc cttaaaaaaa taaatntnct tattaanaa 780
 aaaantngng ccttttagaa cttngngng cntttncn 818

<210> 4612
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

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<400> 4612
ttcaaatngc ttggntctng ntctttctgn angatcccat cgattcgaat tgtgactnat      60
ncnaggataa atgtnatatg cgtatgattn tgatatgact ttgatgaggn tcttcagggga      120
aaattnctna aantgaaatt gctggattaa ngggtaaatg catgnatagt nttgntagac      180
aggncacnnc nctnccctta naggtngtnc ccttttgtgt tcttgccann nataatntgag      240
agtncacnga ntatgtggtg nancntntata atgcttgctc atctgatang gaanaaatcg      300
agtatgcctt aatntgccct tcttttatta tgaatcagat tttaatnttt tgcctctaga      360
actatagntg agtngtatna cgtagatcca gacatgataa gatacattga tgagnntgga      420
caaaccacnn ctagaatgca ccgaaaaaaa tgctcnattt gtgaaatntg tgatgntatt      480
gcttnatttg tgaccattat aagctgcnat ntncaagtgn acaacaacaa ttgcattcat      540
tcnatggntt caggttcngg gggactgtgt gnggatgggt ttntaattcg acggncacct      600
gtgccaaatg cattggngcc ccngggaccc cagctttntg gatncctttt acatggaggg      660
gttnaatttg gccnccttg ggcngttaat cacttnggnc cataagccng gtttnactgg      720
tngttgaaaa tccgntantt nccgtttcac caaatctccc cacngggnat tttctagccg      780
nggnagcctt caaaatggnn anagcccttg gggggnc                               817

```

<210> 4613

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

```

<400> 4613
gtttnnnnnn nttnnnnnt tcnfaatngct tggntactng ttctttntgc aggatcccat      60
cgattcgtc aggcctgggg ggaagaacaa gctacttggg agttaatgga tgatagctgc      120
tgtggccatt tttcttaaga gttagactgg ggagatgggt ttggaaagta aaatgcaaat      180
ggtgggtagt ggtattaggt ggtgatgccc aaggcgtgct gtagaaacct gcagggtgaa      240
gcccataact tttgttacgg gaatggggta actgaatcct aaactagcta ggggagatag      300
ggatggaaag agcagatgtg gaggttgggg agaaggagat gacaggagat atatccagtt      360
ccagagggaa tagggagagc tgtgtggcta agatttaact gtttggacat ttaatttggg      420
gaaattgttt tccagccaag tgaataaata atactggact tcaagtncaa gcttcataca      480
ggaagtgaag ttttggtgtg gagatagctg catagtcagg gaacactcta aattaaaaat      540
agggaggccg ggcattggtg ctcattgcctg taatcccagg actttgggag gccgggcaga      600
tcattgggac aggagttcna agagcacctt tgaccagcat atttgaaacc ccatctnact      660
tgaaatncna aaagattacc cggcgtggtg gtgcacgcct gtatnccact tctcnggagc      720
tgngcangaa aattgcttgg ccccgaggagc gtggtgcatt aaccagttc                               770

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<210> 4614

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1253)

<223> n = A,T,C or G

```

<400> 4614
ccccnagttt tcnaaaaanc ccncagttt tggaaaango ccctttgtnc tanacagggc      60
catcccccaa tcgcatttcc gnaaaaaagng cgnccgagna nggacttggg nncgcctgg      120
acncnngnat annntcgggc aacacactgt cngggagagt tttntnnca gggccgggtt      180
taattacagc ctcangggta cggaggggaa aaacnanggg ggaanattgg nanannccgc      240

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caaangggat	tttgggggna	aagnaattaa	nccccaccana	ngntntactc	ngncnnaccg	300
gggccaatg	cnaggaaatg	gggaaanacc	tttccgtngg	ggcaagcccg	ggnaaccatn	360
gagcngggga	ccanttatgg	ggcggggacg	naaacctacn	ggnccaaaca	anggccacct	420
gcttanggaa	actaggganc	gnttaanaag	ancgcganen	aagcccgttc	ncnnaacctt	480
tgnttgnnnn	annaatgggc	cntgggggnc	ntncaacacg	ggnggnntaa	annngnanna	540
nngnntttaa	acaanncccc	tcaanggggt	aaccgcnaac	caacctntgn	cacnggggnt	600
annnccnnna	aaaananccc	acacagcgat	acnncgggga	gaaaaaattt	ntaaannntt	660
nnaanacca	atngccatnn	aaaacncntt	gccccaaacng	ggaaaaaann	gcccccgga	720
atntancaac	cccangtagc	cccanaattn	ccccaaacgga	gngggcccca	antatctgnt	780
agggnaatng	nggnattngg	cnnttnnaaa	nggnaanata	cnaccgnttt	gngnggcnnn	840
aanatggggg	ngaattgcaa	aagngnantt	tggncaaaaa	ancnaaaaaa	ncgnccctnt	900
tttnnacnan	canggggaaa	nncctcnagg	gcaaccnata	ccnancctgg	nataagaaaag	960
tccctngggn	acctnanaag	nggngntccc	cccganaaaa	aaaacnaagg	nggttanccg	1020
aannccaatt	cccccgngg	atattggaaa	aaaaccnggg	gaanaaaaaa	aaaaanggga	1080
agngcttntc	canggggggg	naancaattg	gntnaaaaaa	ccctttcncc	tttanangaa	1140
aaccnttcnt	caaaaaanct	tntaaanaaa	aanccaatnn	ttatnncccc	cgaannccaa	1200
agnggtnttc	aaaatacnng	gancattaaa	ccgcggnatt	atcccntnaa	aaa	1253

<210> 4615

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4615

ttcaaacnct	nggctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgaggc	60
gcaatgcgag	cggctggcgt	agggttggtg	gactgtcact	gccacctctc	cgccccggac	120
tttgaccgcg	atttggtatga	tgtgttggag	aaagccaaga	agccaatggt	gtggcccttg	180
tggcagttgc	cgaacattca	ggagaatttg	aaaagattat	gcaactttca	gaaaggtata	240
atgggtttgt	cctgccatgc	ttgggtgttc	atccagttca	aggacttcca	ccagaagacc	300
aaagaagtgt	cacactaaag	gatttggatg	tagctttgcc	cattattgag	aattataagg	360
atcggttgtt	ggcaattgga	gaggttggac	tagatttctt	ccccagattt	gctggcactg	420
gtgaacagaa	ggaagagcaa	agacaagtcc	taatcagaca	gatccagtta	gccaaaagac	480
taaatttgcc	tgtaaatgtg	cactcacgct	ctgctggaag	acctaccatc	aaccttttac	540
aagagcaagg	tgctganaaa	gtactgctgc	atgcatttga	tggtcggnca	tctgtaacca	600
tgggaaggag	aaganctggg	tacttcttct	taattncccc	ttctatcata	agaaagtggg	660
cagcagaaac	ttntgaacaa	ttgcctttta	cttctatatg	cttagaaaca	gattcacctg	720
cnctaggacc	ngaaaaacaa	ggtaccgnat	ganccnt			757

<210> 4616

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1351)

<223> n = A,T,C or G

<400> 4616

ccnttttttt	ngcnaaaaaa	aattcnncnn	tttttngggg	ttttaaaaaa	nanccccccc	60
atttttttca	tnnntttttt	tnggnncagt	naaaaaann	nanantttnt	tnaggggnan	120

ataaannnnn	nntannnnga	angnnnnntnn	tnntnnaaag	tannnnnnngn	ttttnttgaa	180
nnnannagan	agnngnnntt	tttttttnt	nnnnntanna	gnnttttttn	tgngngnatc	240
atantattnt	nncaaggagg	ggtannntat	tttnnaanga	tgaantttgn	atntnanngc	300
atnnannaan	naaanttnnt	natntngnna	taatnaaaga	attnaataat	tanangatan	360
atacntaaaa	aaagannnca	gagcatntt	nntgggattt	tnatcatct	caaatnagnn	420
annatatcta	tgaatgatan	ttanttangn	tnataaant	annnnnaann	gtnttatnna	480
annatantgt	nattngannt	gananaanng	atctgccang	nangatntna	tnaaatntnt	540
nnnngaana	antnncnagg	cgnaatnata	ttmntantna	ntntntnatt	annaatagaa	600
aaatntnatn	atnatatana	ttnattatac	antantatgn	tnnaaantat	atnanntntt	660
tatactctac	tatatgaatt	attcnnanga	natnaattan	agnntnga	aaatatatat	720
atntanaatn	tnatttaatc	tgtannagan	tananaactn	cnaancatnt	ctatgatata	780
tgananagnn	tatatctgt	acttaatngn	atattanata	tgataaatan	anagatatat	840
ataatattat	nacatacgtg	tatanannta	tatntatntg	nagtacnngn	gannaatgat	900
tacttatatn	antattnana	tncnatanat	atnnagggtg	tagtctgtg	naatgtgna	960
tcannngagt	cnnnataata	nntntatctg	ttatgttgtt	atataattgn	tngnatatat	1020
nctactannn	nataaggnta	taatttgnga	nnagatgtnn	aantttnatc	tcanaagacat	1080
cnacatgcan	atnangttga	anantgtttt	ntatatctca	tangtantct	cntatngatn	1140
tntagctatt	atntagaana	nntanatata	tnnctctnt	atgttnaatg	actcataant	1200
ctatnatgt	ngtacaactn	nctntgtata	nagngatgnc	tcatanatta	cncnntantn	1260
cngatatata	tagnnnattt	ntatattnat	actctantan	ntgatngana	tattntatnn	1320
acnnanatag	actactatan	taataanatn	a			1351

<210> 4617

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4617

ttctaantnc	attctaaatn	ccagttccaa	gccttngtgc	aggatccctc	gattcgaatt	60
cggccgagaa	gatgcagggtg	aacaggtagt	atcttcccca	gcagatggtg	ctgaaaaagc	120
tgacagaatt	attacaatgc	tgcccaccag	tatcaatgca	atagaagctt	attccggagc	180
aaatgggatt	ctaaaaaaag	tgaagaagg	ctcattatta	atagattcca	gcaactattga	240
tcctgcagtt	tcaaaaaga	tggccaaaga	agttgagaaa	atgggagcag	ttttcatgga	300
tgccccgtgt	tctggtggtg	tagganctgc	acgatctggg	aacctcacgt	ttatggtggg	360
aggagtttaa	gatnaatttg	ctgctgncca	aaaatttgct	ggggtgcatg	ggctccaacg	420
tggtgttctg	tngagctggt	tggactgggc	aagcggcaaa	agatctgcaa	caacatgctg	480
nttagctatt	agtattgatt	nggaactgct	tgaactntga	aatcttgga	atcagggttaa	540
gggcttgacc	caaaactact	ggcttaaaat	cctaaatatg	anctcangac	ngtgtttngt	600
caaattgaca	cttantaatc	ctgtcctgga	ntgatgggat	tggccttccc	ctcggcta	660
aactatcagg	gtggattttg	gaaccacccc	tcatgggtaa	aggatctggg	gattggcnca	720
aganttttgn	taccagcaca	aaagangecc	cantccttnt	tggcaatctt	gggcccata	780
gatcttncag	gtngatntgt	nccct				805

<210> 4618

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4618

ccntttcnaa	tncnagttat	cgcnttttttg	caggatccca	tcgattcgtg	ttgctgcatt	60
ctaagcttaa	cctcctggtc	tcatggcagt	gacttgagct	tttgattcat	agaagaaagc	120
cagaggttct	gcttgttctt	gtctgccagc	cctcgtcgtt	ctttctctc	tgccctctcac	180
ctctacccca	aatacctctg	ttcttagtct	caaggggaga	ataacatcag	ggagcccctc	240
atcttcccca	gaaggacttc	tcgttccctca	tgtagttaac	tccattgatt	ttcctatctt	300
ggtgctgata	gctctctaag	ggtagggcac	acctncccac	agccaccctc	ctcttcagag	360
agcccccagc	cagcagcagg	ccccctctgcc	tgcaactcctc	aggcttgccc	ctcgctgcct	420
cagtgaggca	ctagtgccac	tgccgtggcc	caccgggcca	tagctcaagc	tgacgcagaa	480
atgcctctca	gtggccaaca	tgatgaaacc	cctgtctctca	ctaaaaatac	aaaaattagc	540
tgggcatggt	ggcggttgcc	tgtaattnca	gctactcang	aggctgaagc	aggagaacca	600
cttgaaccca	ggangcggan	gttgcantga	gcccagagctt	gtgctattgc	acttgcaccg	660
gggtgacaag	anggaaattt	gtctcaaaaa	aaaaaaaaaa	aaaaactnga	nnctntaga	720
actntagtga	gtcggattta	cgtnatcca	gacttgatta	gatncattgt	ta	772

<210> 4619

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(612)

<223> n = A,T,C or G

<400> 4619

cnnagntcnn	attnnggttaa	ngccctttct	cgcagganga	ncccatcgat	tcgaattgan	60
ctctnggctc	cngctgngna	nagctancnn	gntnttttnan	acagccnagc	angcnnggtn	120
gnatcaccaa	ncntgggncc	ntacnanggc	annatttnng	gccngntgna	tttggnnaaa	180
agattgngna	anggcaangn	ttctgntctg	ccaaggacaa	ntgctgatga	gcngaatan	240
ctgggnacna	annngnttca	cctgatnggt	attnacctnt	ganacacatn	ngtngccaaa	300
aatgggaat	aaggnnctga	ggnactctca	gaggcataat	gnactatctg	ttcgtctntg	360
atanaggna	gtgnatatgt	gannagccca	taanngagca	tatttcacca	aaactntntc	420
cctgggtggt	accaccttgg	tcnaatgtng	nagcaattng	caaaatngac	tangtncana	480
cgatcctacc	gtgntctnna	ccaactctga	tnatgnnnng	nnctngtctt	cattgcnaaa	540
angaantca	ttttgcnnta	ntactacttg	aacgacttag	agtngacnna	tctacccatg	600
nagtctta	cn					612

<210> 4620

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4620

annttacnaa	ancnngngga	cntnctcttt	ctgcaggatc	ccatcgattc	gggggacacag	60
gccgagctgg	aaggagaatt	tggaacaaag	gctnatggct	tgctggggat	gttcctgaaa	120
cgctcttctg	ctcagcttat	cctgctgcaa	gcatggactt	cccacctctg	gaaaatgttt	180
tatgatgctc	ggaagccccg	gagtcagatt	aagaatgaga	tcaacattga	caccctggcc	240
agagatgaat	tcaacctcca	gaagatgatg	gtgatggtaa	cagcctcagg	caagcttttt	300

ggcattgaga	gcagctcttg	caccatcctg	tggaaacagt	atctacccaa	tgtcaagcca	360
gactcctcct	ttaaactgat	gggccagaga	actactgtct	atttccccca	tccccacag	420
tgctcagcta	agaactgtag	ggaagatgga	tgaccttcac	gcagaactcc	ttttgggata	480
tacatgatgc	agaaaggatc	ctacatggag	agagacagaa	ctctctcagc	tgacactctc	540
agagattcct	gatgggcttt	ctcttgaagt	ccaaggcgct	tgcatgtgtt	ccttttcttt	600
tgcccatnca	tgaatggttc	tggtttggnt	ttggtttttt	ttaataagga	atttcccggc	660
tggaattttg	tgaaggcctg	ttttaaatg	gactttactt	tgcccttttt	gggggtttctc	720
aanttttate	ctanaaacct	ttctgacttt	tttccatcnc			760

<210> 4621

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(612)

<223> n = A,T,C or G

<400> 4621

cnnagntcnn	attnggttaa	ngccctttct	cgcagganga	ncccatcgat	tcgaattgan	60
ctctnggctc	cngctgngna	nagctancnn	gntntttnan	acagccnagc	angcnnngtn	120
gnatcaccaa	ncntgggncc	ntacnanggc	annatttnng	gccngntgna	tttggnnaaa	180
agattgngna	anggcaangn	ttctgnetgc	ccaaggacaa	ntgctgatga	gcngaatan	240
ctgggnacna	annngnttca	cctgatnggt	attnacctnt	ganacacatn	ngtngccaaa	300
aaatgggaat	aaggnnctga	ggnactctca	gaggcataat	gnactatctg	ttcgtctntg	360
atanaggnag	gtgnatatgt	gannagccca	taanngagca	tatttcacca	aaactntntc	420
cctgggtggg	accaccttgg	tcnaatgtng	nagcaattng	caaaatngac	tangtncana	480
cgatcctacc	gtgntctnna	ccaactctga	tnatgnnnng	nnetngtctt	cattgcnaaa	540
angaantcna	ttttgcnnnta	ntactacttg	aacgacttag	agtngacnna	tctacccatg	600
nagtcttaacn	at					612

<210> 4622

<211> 1526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1526)

<223> n = A,T,C or G

<400> 4622

aggntcttgc	ttgncccatn	gcgaacgctg	gaaaccctcg	nncaanagcg	cgngaaaccn	60
cngggntaaa	tgcccacggn	nannncacgc	nannnceccn	ttttcncacg	cnaccacna	120
ggngcngan	nagggnctn	anangnacac	nnatcngaac	cantctntna	aaggngcngc	180
naaantnnnc	tanngtncgg	cntnacgagn	gggaactgna	acccccgngn	nngctacnag	240
nnacacnaga	aaacancnct	ngggtnaata	caacagccaa	cngncanncg	nntaannaat	300
tcnncancan	aggagagaga	cnnagnancg	cncacacant	nnngncccaa	cantggnaaa	360
ccacnagcnc	ntaanananc	gacccangnc	anntnnctac	aaganagnng	cctcacngcn	420
nanncnncac	ntcgtncgca	cccnatngga	accgcaantn	ncgaatcann	ncnnaggggg	480
ccgccannnc	nnacactcgt	ntnacgngag	cncgctcana	naccntacta	natnnngggc	540
gcctngngaa	caaaacaaca	ngccccanac	cgcctnttag	nncccntnna	anagatancc	600
gacggganac	tctannacgc	ganangnacn	gtccaaccac	tctagaggga	aantgntngt	660
nntananaan	cnacaanggg	tnttccntnc	gcancacaan	gccaaaatcn	atntatgnac	720
ccatntncnc	tccacnggga	ncancangga	aagaccgagn	agcccaanga	cnananacng	780

nngtancnt	naaacaaacc	anannagaca	nnanggnagn	canaancccc	ccaggcaaan	840
cacnctantn	ngcanaaaac	nccccctaaa	tnancgcgaa	ccctttgncg	ncnanngnat	900
cggntngaca	gnnnacanann	nnnnnnctn	nanactcaaa	aggnanmaan	gntnganacn	960
nngcaanaaa	ccagcaccgn	ggtgncnnaa	cactcnggcg	taccnncagc	gcanntatat	1020
caccaccccg	ggacangaag	gtcncgngng	natatannaa	tcnctnnncg	gcgacacgca	1080
nctctaaagc	nnnncagntn	taanangncn	natnntaana	nnangctctc	aaaccnntcc	1140
gcgnnannng	ncnctannac	tacgcaacca	catcaagnnc	cggnatgcgn	atccanncgt	1200
tcacataaac	ggggngacca	cnngngncn	cnaneganc	ntgtnnacgn	gnngcgagnn	1260
ntnnnccgan	nngacangac	nannngnaaa	nacgctaccc	tnggcnaang	cacacatgng	1320
tgnaccgana	antctganta	tntnctnctn	tacacncant	aacnacncan	nagnntanng	1380
agгнаaccga	antgaatnga	tannncncn	cgnaacgnng	anncccnnnn	ganantnaan	1440
ntaagnacan	nnanagnntn	nangcgcgca	nnacctntac	naacnncaca	nnctngcnnt	1500
cnaaaaganc	nacgcncctn	tcnccg				1526

<210> 4623

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4623

ttgtnnnncc	cttttnaaat	ncctttggct	anttgnctcn	tttgctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan	120
tgatntctan	tcccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn	240
nncattttacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300
ganangangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntggtgg	360
agaggtngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcattcttat	tttnnaactcc	ctgagtgatg	ggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	gggtttgntc	acaatcatga	aaatgggttnn	540
gccagataaa	tattttgata	ttagntttcn	tttttnnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgntnngggg	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cctttggnga	aaccttaaag	aantnttgna	tacttcttca	taaaaggggtg	720
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt	780
acttggnntta	ccaagcc					797

<210> 4624

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4624

ttgtnnnncc	cttttnaaat	ncctttggct	anttgnctcn	tttgctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan	120
tgatntctan	tcccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn	240
nncattttacn	cantnttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300

gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg	360
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcattcttat	tttnnaactcc	ctgagtgatg	gggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aaatgggttn	540
gccagataaa	tatttttgata	ttagntttcn	tttttnnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgntntgggt	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cctttggnga	aaccttaaag	aanttttnga	tacttcttca	taaaaggggtg	720
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt	780
acttggntta	ccaagcc					797

<210> 4625
 <211> 1133
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1133)
 <223> n = A,T,C or G

<400> 4625	
gctacnagcg	gngngaaaaan ntccnnccct ttnaaagntc cctgggttaa aaaaaccccc 60
ctttttcccc	ttttttgggg naaaaccncc ccggtttttc gcnnaaaaan nggncccnng 120
ggggaaacnc	ccccaaanttc ggganangcg caaaaaaata ncntggnggn accggnnggg 180
ggaagcncnc	cncacanncg gagggcacca ntttaccgn gaatantggn nnaggaanca 240
ngncncntg	nttaccgggc gaagcccgga caangcnntn tgggtanana nntgggggng 300
gaaancngga	tccangggnc cncnacgcg cnaanggtag ggannctnaa acaannnaaa 360
ngtggngtcc	gntcnaaanag ngtnganccc anaaaaaann ncnnngtaag nntgcnncn 420
atacanaaca	naacnnggaa gcngatgaaa taaannnctg tcatnanana ngnnancnc 480
acctggnnna	cngggccggg aacncnanaa ggnacanaac tcgnagaaaa aanaantgn 540
ntngggncgg	ggcctgcnna gccacnccaa aacaananga annngatntn gatnnggnaa 600
agaanaaana	ttncnaaaan caaannnana atgngnaata tggggggggg aaggganann 660
cgggganngg	ggggggatcc nnatcctctg ttaaaaangg agngngggna ngggggancg 720
aaaaccnngn	naagganccc annatgtgga anncaggttn tagnaaccaa aaaaancggn 780
nnatctgnag	gngncaanan nancnttant cancccnnga nngccntatn ggngcaaggt 840
ggagaaatcn	cnggntaaan agggnncccn ggtgggnagt ggtgaaaaaa ancccanggn 900
aaangacnnc	aantngggcc ccnnaggggn angaanangg gggaangnta aaaagtggaa 960
accccaaaan	nngngaaaaa aaggtaat tttgnnnaga accntttaan cngagggccc 1020
tccaaaaaaa	aaatactccg caaatnancn gaanacntna ctaggggccc annnaganan 1080
aactnntcgn	gctananana gtgacatccn ataaaaacgg tntgaacncc ncg 1133

<210> 4626
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

<400> 4626	
agggnnnnnn	nnnnnnnaggg tnnnnnnnnn nnttttttgg gaaaaagncc ccccnttttt 60
ttggggaaaa	acccccctt tttgggggaa aatttgggcn ccnncccn ttttggtttt 120
taaggggnnc	ccaaaaannn nccccctt nnggggggnn nnaaanannn nnnnnncnng 180
ggnnnnncnn	nnnnnnnnnc naaaagnngn nnnnnnnanc nnnntgggnn nnnngnnnn 240

nnnnntttttt	ttgnnnnnnnn	ccccnannna	nnnnnnngnn	nnnnngnncnn	ngggngngng	300
gggncnnnnn	nnnnnggggg	ggggggnaaa	nnngggngnn	anacnnnnng	gggggggaan	360
nnnggnnnnn	nnnnnnngg	ncnccnannn	aancgnnnnn	anancnnnnn	nganggnnnc	420
ncnnannang	nnngnaacnn	naccnnnnna	cnnngnngng	aannnnngnnn	gnnancnnnn	480
nnnnnncnng	acgccccgc	gccgcnanga	ananaggcgg	ccaacgnaca	ccaggaacgn	540
nggcgnnaaa	gcagancagn	cgaccnnacg	nagngcngag	agcncnagna	angaacngag	600
naggganngn	nacgnaccan	nnngnaggcc	cncgcnnnag	aggngcaagn	naaacgnncg	660
ggagancaaa	angacacnaa	acngncannc	gaancaaccg	aannangggg	nccagccnag	720
acacgangca	cacngnaann	gagnangnnn	acagacgaan	nggganacgn	nannancaca	780
gnaannngcn	naaggccncc	gganacaang	ggacgnnacn	gccngnngcc	ncaaaggccn	840
gaagaaannn	nngcgagaca	nnccngcngn	gncnnngnan	aagaggnaga	cangggngca	900
nnnnangggg	aaggacaanc	aancnaagga	gcgcnnngnan	cacnnnccan	nggannagca	960
ncngacaana	annnanaacc	gnnaacgncc	ngaaaagagn	annnnagaaa	aanngaangc	1020
aaacngaacc	ggcacncncc	nnnnnncgac	ngcagacaga	nnagggnncg	gnccnaacnn	1080
ngagggnnnn	ncgaganaca	ncggngaang	cngnagnaac	cgagnaaang	ncnannngac	1140
nannnggnca	ncacncncgn	gannggcgcn	nanaacgcnn	gncncaaaan	ncgcc	1195

<210> 4627

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 4627

cttttctaat	gcttgggntn	gctctttttg	caggatccct	cgattcgaat	acagccctnn	60
cgntgncgct	ggntctgatg	gctgggntnt	tganncgagn	ctctngtgna	ngtncacacn	120
cnctcacncg	acatatggga	cattacacac	acactcctgc	tcaaagtctg	tacccatnat	180
gngtggaant	tctgnaggcc	tnagctctgg	ccctanggc	ggannnnngcn	actactttnc	240
atnaccncga	caccaagggtg	gctatggcct	ttccnacttn	aactacaacg	ttggngngng	300
canannatcn	tnattnanna	ncaaagctta	ncangatagg	agagccnnat	aahngactgg	360
gaacntactg	nnnacannccn	atctgagaac	tcatgcggca	catggtggag	ncctatntgc	420
tcgaagaaac	tgtgttaaca	tgactcatg	tgcnnggctn	acactcntng	ctgttncntg	480
cnnatngtat	acatgtatga	cacttctgtc	tgtgnaaagt	ggaagcattt	ctcatacngg	540
ncctatgtct	aatnagttnt	gaccccnngc	tgtagtngct	aantgnaaca	ggnttgatcc	600
ttacnntgaa	taactgtcac	atnnttaatg	agctggagaa	aagtagtcca	anccttagcc	660
cttctnggga	aagtttgccc	aacngtntgg	gagtncaaaa	ttnccttttna	ggtnaaggcc	720
cctttntnn						729

<210> 4628

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (911)

<223> n = A,T,C or G

<400> 4628

tantangann	nnnnnnnnnn	nnngtnnnnn	atcanatnnn	nnntnnntna	nngntcnttn	60
tnnggggnt	naananangc	gnnagtnnnn	gattttgaaa	acnttataa	gccttnangc	120
nacngnttt	ntncagggnc	ccntcgantn	gnnatcgga	cgagccggan	tacgcctgt	180

ttgggggttat	gtgggtcggg	gtggccggtg	nttcngcctt	cnggggcctt	gcngagactn	240
acccttan	cgctcgctgcc	cccagctcan	ctcttaactgc	gggcccgnctc	cnacggggga	300
ccatnctgtc	agggactatg	cggcccaaac	atctccttcg	ccaaaagcan	gcgccgnnac	360
cgggcgcac	gnggcggnca	ttggcgcant	ggtggacgtn	cannttgatg	agggactacc	420
accaattcta	aatgccctgg	aagtgcagg	cagggagacc	agactgnttt	tggaggtggc	480
ccancattnt	ggggtgnang	gaaannccna	cccaaatgn	ntncgaggac	tattgctatg	540
gatggnacan	aaggcttggt	taagaagccc	aaaaaaagta	ctgggatnct	tgggtgcacca	600
aatcaaaaat	ttccttggtt	ggtcncctga	gaactttngg	gcanaaaatc	antgaantgt	660
caatttgggn	gaaacccctan	ttggattgaa	angaagggtcc	cnatcnaaaa	anccaaaacc	720
aaattttgcc	tccccnnttc	attgctggng	gggccttccc	aagnaatttt	tnaatnggg	780
aaaaattgga	aggnggtttg	gaanccnaag	ggaaaaat	ttttgggtgg	naacttgggg	840
tannttcnaa	aggggttttg	gtccgaaatc	cttggcntta	ncctttcccn	ttnttgcccc	900
aaangggggn	g					911

<210> 4629

<211> 944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(944)

<223> n = A,T,C or G

<400> 4629

aaaanncann	tacnnnnnna	annnanatnn	tancnaaaan	ntnattaann	nntncgganc	60
ncnncnnn	cngttgattc	caancttaat	caccntngan	tcngatatcc	ngagccntcg	120
atgcnnncnt	naaacnatnc	gnangggnga	nnccaaccnn	gggtctccna	angaacngcc	180
cncnggantg	acctgnacc	ctancaaagc	aacnngnccc	ancnttttga	aagggttcta	240
gggcangcga	aaaccnaata	agnccccctn	aaaaccnaca	ngaaactngg	ccngatccct	300
naanncnccc	caagnntgct	nnccaccntn	ggnnntnttg	cctngnangc	tnctgnaacc	360
ccctgnaaca	tnaaggangc	naccaggnaa	aacacaanga	cattccnccn	ttaacntngg	420
aagnaaaagc	cnnanntcta	aatacanncc	caaccagacc	cannnttggn	ggggtntggg	480
gaaanacctn	ngnggggggg	gngnaggngg	gnntaattaa	ngntaanatt	antnnccaaa	540
ggntcccaa	aggccttgnt	ttnnncccc	tttnnncaaa	aacaaangaa	ccntttttnc	600
nanggnctgn	nntannnaaa	aatnggggnc	cccccaaaaa	aaaattncnn	tgntanggaa	660
ncaacntag	gcctggncat	nncccnttaa	tcggggggccn	tggaaaaaaa	ttntaaaata	720
taaaaaattn	cccgggggna	ttngnaaacn	cnntgcengg	nnaatttggg	aangnnnggg	780
gtttctngtt	naaaantngg	tngnattnga	ccccanaaat	nttttttttna	ttatncaaaa	840
nnngtttaa	ttcccnca	ttcttaaaaa	nttatcgggg	aancaaaaaan	natnggnnaa	900
aaaaacccca	nacaaanttn	ggggaaaacc	ccnnttanaa	aant		944

<210> 4630

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(937)

<223> n = A,T,C or G

<400> 4630

gttctaattgc	ttggaattna	atcgttggaa	agagctagng	attttngaaa	tcggtcataa	60
gtagatgttg	tggannggaa	nnaannttng	gatactgatt	ttntaagngt	ngttgtgnat	120
tggtcaggaa	ttgttnanna	ngnanataan	anttaantna	agatancatg	cnantaacnn	180

agatagaaan	aannatgggg	gagtntntga	tnnnnagnaa	ntataacntn	ataagntntt	240
attnncttac	nanngtaaaa	gattttntga	aatggatnac	tnnntnagtt	tnnatnttaa	300
tatgggttnna	gaancacttt	tttnatgann	catngaagat	tnntnatann	cantatatatt	360
tntaannnag	ancttanngc	atntatggcn	attnnatttg	tgcttttann	taagttttct	420
tggatgnaag	ntatatnatt	nannatttta	tggtanntga	ataganantn	gtangtaatt	480
ttgatgtant	aatagtngnt	taatganaan	ttttntntaa	nannnttant	tnggntnatt	540
natntgnaan	ttntnnggng	ntaaataatt	ncnatttntt	gaaantntnc	ntttaataat	600
tngtatatta	accntngaac	aagataatat	aattgnnaac	agntntttatt	naatatnta	660
naatantntt	gaatanngt	anatngggan	ataattattg	gggttnnatng	tanttgtttt	720
cnacgtaana	ttttaatnng	tnaaatntgt	attnnnaaan	ncttgnntgt	aantnattaa	780
ngaccgcta	natttaaagt	tnnttagtna	ataaattngg	ntttgggnaa	naaaatattn	840
tatatattata	ananatnnna	nnaattnann	tctttaataa	atttanangn	ntntnatata	900
tntaatnata	ttanttataa	nttttgtata	nnagnaa			937

<210> 4631

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(937)

<223> n = A,T,C or G

<400> 4631

gttctaattgc	ttggaattna	atcgttggaa	agagctagng	attttngaaa	tcggtcataa	60
gtagatgttg	tggannggaa	nnaannttng	gatactgatt	ttntaagngt	ngttgtgnat	120
tggtcaggaa	ttgttnanna	ngnanataa	anttaantna	agataancatg	cnantaacnn	180
agatagaaan	aannatgggg	gagtntntga	tnnnnagnaa	ntataacntn	ataagntntt	240
attnncttac	nanngtaaaa	gattttntga	aatggatnac	tnnntnagtt	tnnatnttaa	300
tatgggttnna	gaancacttt	tttnatgann	catngaagat	tnntnatann	cantatatatt	360
tntaannnag	ancttanngc	atntatggcn	attnnatttg	tgcttttann	taagttttct	420
tggatgnaag	ntatatnatt	nannatttta	tggtanntga	ataganantn	gtangtaatt	480
ttgatgtant	aatagtngnt	taatganaan	ttttntntaa	nannnttant	tnggntnatt	540
natntgnaan	ttntnnggng	ntaaataatt	ncnatttntt	gaaantntnc	ntttaataat	600
tngtatatta	accntngaac	aagataatat	aattgnnaac	agntntttatt	naatatnta	660
naatantntt	gaatanngt	anatngggan	ataattattg	gggttnnatng	tanttgtttt	720
cnacgtaana	ttttaatnng	tnaaatntgt	attnnnaaan	ncttgnntgt	aantnattaa	780
ngaccgcta	natttaaagt	tnnttagtna	ataaattngg	ntttgggnaa	naaaatattn	840
tatatattata	ananatnnna	nnaattnann	tctttaataa	atttanangn	ntntnatata	900
tntaatnata	ttanttataa	nttttgtata	nnagnaa			937

<210> 4632

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4632

tttngnaaaa	annnnncnag	aggggtttttg	ccnaaaaaat	nggcccnttt	gggggaaaaan	60
tttgcaaaaa	atccccnttt	ttggggnaaa	aaggngggcc	nnnnnnnnnn	anngnattnn	120
gangangnna	nnaaatnnnn	nnnnnngggg	ngggngnnan	nannntnang	ngngaangag	180

ggggnaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannn	nnnnnnngngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnnntanacg	nggngggggn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cggnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaananta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagaggnn	ntnnnnannnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanacntat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnnngtg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4633

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4633

tttngnaaaa	annnnncnag	agggtttttg	ccnaaaaaat	nggcccnttt	gggggaaaaan	60
tttgcaaaaa	atccccnttt	ttggggnaaa	aaggngggcc	nnnnnnnnnn	anngnattnn	120
gangangnna	nnaaatnnnn	nnnnnnnggg	ngggngnnan	nannntnang	ngngaangag	180
ggggnaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannn	nnnnnnngngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnnntanacg	nggngggggn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cggnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaananta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagaggnn	ntnnnnannnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanacntat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnnngtg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4634

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 4634
 acttagangg ntgaagtga anncccttct gcaggaagcc catcgattcg aattcggcac 60
 gagagcagac gttgaaggca ttcagtataa antttttcga acatttcacc atggagtcag 120
 gggttgatggc atagcttgga gccagagac tagacttgat tcattgcctc cagtaatcaa 180
 attttgact tcagctgctg atatgaaaat tagattatatt acttcagatc ttcaggataa 240
 aaatgaatat aagggttttag agggccatac cgatttcatt aatgggtttgg tgtttgatcc 300
 caaagaaggc caagaaattg caagtgtgag tgacgatcac acctgcagga tttggaactt 360
 ggaaggagtg caaacagctc attttgttct tcattctcct ggcatgagtg tgtgctggca 420
 tcctgaggag acttttaagc taatgggtgc agagaagaat ggaacaatcc ggttttatga 480
 tcttttgccc caacangcta ttttatctct tgaatcagaa caagtgccat taatgtcagc 540
 acactggtgc ttaaaaaaca ctttcaaagt tggaccctg cgggaaatga ttgggtaatt 600
 tggggatatt actcnggcc agttattcct caaaataaga gacccttca catggatccg 660
 agcctgctta attcangggg gnccacaatt taggggaaaa tctgggttnca acccactggg 720
 ttatnccctg ccaaaatggg ccaagnccag tttnat 756

<210> 4635
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 4635
 gnnnnnnnnn cnngnnnttt naannccctn tttcaaagtc ttggctactc gttctttttg 60
 caggatccca tcgattcgcc aatggatgca gganaactga gatgggattn ccncacgttg 120
 cccaggctgg tctcctgagc tcaaagcaat ccanattgct gggattacag ctgngagcca 180
 ccgtgcctgg ctgagatgac ttttaaaaan ggactnctct aaagtagaag gaaggggtgga 240
 attgtatgca caagaagaaa aaaacctgna agaaaaacat actaaagagg ctggagtgca 300
 atggngcgat cttggctcac cgnaacctnc gcctnccggg ntcaagtgat tctnctgcct 360
 nancctccca ggtagctggg attacaagca tgggccacca cgcctggcta attatgtatt 420
 tttagtanag acggagtttc tccatgttg tnnaggtggt ctcgaactac ccgacctcag 480
 gtgatccacc cacctnggnc tcccacagt ctgggattac aagcatgagc caccgtcccg 540
 gnctccctgt nncagnntct ataantgtt cntattatat tctgggtata tgtnggnggt 600
 gtgattattc atgtgganct attntcacat tctttgnatt aactatnatn gtccttnaat 660
 ggtntaaana naaagtttca ttcctacaaa agnnggtttt ggtccaaata accnccgggtt 720
 ttcaagggtta accaatcntt gaaaaaaaaa accttnantt cnattntaaa aaatnaacca 780
 ttttaaaant tngccnantn ccanttttaa acattaaaaa 820

<210> 4636
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (778)
 <223> n = A,T,C or G

<400> 4636

ttctaattgct	tggnttnaaa	ccctttttaa	ncccttgcac	ttgctctttt	tgcaggatcc	60
catcgattcg	gagaggagca	ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	120
ccacccttct	ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	180
taaagaaatg	tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtaccatta	240
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	300
accagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaacat	360
gggagaaggc	caaaaccatg	tgtgagtgtt	atgactattt	atttgatatt	gccgtatcaa	420
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	480
ccaaaagaaa	gtctaattat	atacagaaga	taaagctaaa	cgtaattatt	atttaaata	540
aagctatttt	tttaaata	ttgaaatttt	tcatgatgct	actaatttgc	cactaaatac	600
tgcaaagggt	cacctgnat	ctcttctgac	attgggatgt	tatttgctta	tattcttata	660
attttttaat	gaaggcacag	tngaaatgga	aaattttatn	ctcnatgggt	cctgggtatt	720
tttaaactct	taaccancaa	aattttggcc	ttaantttct	ttttatatat	accncnn	778

<210> 4637

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4637

ttnaaaatcg	cttggcnact	cgctctttct	gtnggatccc	atcgattcga	attcggcacg	60
agccaaaatg	gggtggggcg	cagtggctca	cgctgtaat	cccagcactt	tgggaggccg	120
aggtggggcg	atcacgaggt	aggagatca	agaccatcct	ggctaacacg	gtgaaaccn	180
ggtctctact	aaaaatacaa	aaaaaaaaca	aaaaaaacta	gccaggcatg	gtggcaggca	240
cctgtagtcc	cagctactcg	ggaggcagag	gcaggagaat	ggcgtgaacc	tgggaggtgg	300
agcttgcagt	gagccaagat	cgtgccactg	cactccagcc	tgggtgacag	agtgagactc	360
cgtctcaaaa	aaaaaaaagaa	aataggcaca	ataagtaata	catttctgcc	caagtaagag	420
ccttcccttt	tgtggatgta	atgaaaatat	cttcaagcac	tttataaata	aattatatgt	480
ctgatactag	ccttccattg	cctggatcac	atctgattgt	cctggtaatt	tgagaaaagg	540
gtagccctt	ggtatggata	gtagcttgat	gacatggaat	tcanggaaaa	gactatgatg	600
gtgtcacttg	taactgcttt	tgtgtgctgta	aaatggcatg	gatttaagaa	gagaattggc	660
tgggtgccgt	ggcttacacc	tgtaatccta	cacnttggga	ggccaaagtn	aggctgcttt	720
gaccagaat	ttcagaccaa	cctggccaan				750

<210> 4638

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4638

ttnnnnnnnn	tnttcaaata	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcgaggagc	agaagctcaa	gctggagcgg	ctcatgaaga	accgggacaa	agcagttcca	120
attccagaga	aatgagtgta	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	180
atgggttcaa	ntgctggggc	cggcagtggga	gagttccacg	tgtacagaca	tctgcgccgg	240
agagaatatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	360

cggaagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcatctggaa	cagaggagga	ngaggaaagt	cccagtttca	ccatggggcg	atgacaatgt	540
ttgccacagc	cttntgectg	gaacctggct	cgtgcttggt	accagaaggg	aaaaggcngc	600
tgttttggct	ctttcttccc	cgcaanggac	cccgnttgac	cccgccttgg	attggaagaa	660
gccaaaagg	agaacccccct	tttccggaac	ccggtttaac	aagntccctt	ggtntttttg	720
ggcanngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttgge	aacnttaaaa	780
angncacctt	gncntttggn	annaacanc	attccggngc	ttcntcc		827

<210> 4639

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4639

ttnnnnnnnn	tnttcaaata	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcggaggagc	agaagctcaa	gctggagcgg	ctcatgaaga	accgggacaa	agcagttcca	120
attccagaga	aatgagtga	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	180
atgggttcaa	ntgctggggc	cggcagtgga	gagttccacg	tgtacagaca	tctgcgcggg	240
agagaataat	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	360
cggaagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcatctggaa	cagaggagga	ngaggaaagt	cccagtttca	ccatggggcg	atgacaatgt	540
ttgccacagc	cttntgectg	gaacctggct	cgtgcttggt	accagaaggg	aaaaggcngc	600
tgttttggct	ctttcttccc	cgcaanggac	cccgnttgac	cccgccttgg	attggaagaa	660
gccaaaagg	agaacccccct	tttccggaac	ccggtttaac	aagntccctt	ggtntttttg	720
ggcanngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttgge	aacnttaaaa	780
angncacctt	gncntttggn	annaacanc	attccggngc	ttcntcc		827

<210> 4640

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4640

tnttttcaaa	tngattggct	acttggttctt	tttgcaggat	cccatcgatt	cggaactcag	60
aacactgagt	ccctatttga	tgttaaaata	tgaccgttaa	acttctgggt	aagataatga	120
atggcactat	ggttttatact	gtttctgttt	tatgggctct	tccagagacg	tgaactggaa	180
aacnctctgc	agtgtctggg	attcgctcag	tgctgcaggg	gagggcaggt	gtgaggggaa	240
tggccctgga	gggtgatggg	gctggggcat	ccgatgcagc	tttatagttc	tgtaattacc	300
acttttaaac	tttttattac	gaaaaatgtc	aaggaccctg	gaattacggt	gaggtaggca	360
ggataatggc	ccccaaagatg	cccggtgtgt	gacccccaga	ccttgtgagt	gcctcacatg	420
gggagattgt	cctaggtcat	cttgcangcc	cagggcagcc	ccatggggcc	ttaaagcttg	480
agagccttct	ctgctgagtc	tgagagatgc	canaagcagg	agaggttaga	acccgangag	540
ggccccgacc	tgcgctgctg	gccttagagg	aaggccccan	gantgtgggtg	gccccaaagc	600

agcttnggac	tggggacctt	cgtcccaccc	tgcaaagaaa	ctggaattct	ggcanaagcc	660
cccattatgg	aggaaaaggg	aaggatcctg	cccttggcag	nacctttgac	cctntggacc	720
ttcacaaatt	gtnaagcctg	agggttttgn	gtangnaccc	atnaaaaaan		769

<210> 4641

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4641

tnttttcaaa	tngattggct	acttgttctt	tttgcaggat	cccatcgatt	cggaactcag	60
aacactgagt	ccctatttga	tgttaaaata	tgaccgttaa	acttctgggt	aagataatga	120
atggcactat	ggtttatact	gtttctgttt	tatgggctct	tccagagacg	tgaactggaa	180
aacnctctgc	agtgtctggg	attcgctcag	tgctgcaggg	gagggcaggt	gtgaggggaa	240
tggccctgga	gggtgatggg	gctggggcat	ccgatgcagc	tttatagttc	tgtaattacc	300
acttttaaac	tttttattac	gaaaaatgtc	aaggaccctg	gaattacggt	gaggtaggca	360
ggataatggc	ccccaaagatg	cccggtgtgt	gacccccaga	ccttgtgagt	gcctcacatg	420
gggagattgt	cctaggtcat	cttgcangcc	cagggcagcc	ccatgggccc	ttaaagcttg	480
agagcctttc	ctgctgagtc	tgagagatgc	canaagcagg	agaggttaga	acccgangag	540
ggcccgcacc	tgcgctgctg	gccttagagg	aaggcccgan	gantgtggtg	gcccctaagc	600
agcttnggac	tggggacctt	cgtcccaccc	tgcaaagaaa	ctggaattct	ggcanaagcc	660
cccattatgg	aggaaaaggg	aaggatcctg	cccttggcag	nacctttgac	cctntggacc	720
ttcacaaatt	gtnaagcctg	agggttttgn	gtangnaccc	atnaaaaaan		769

<210> 4642

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4642

ttatttgaac	cctnnccent	tcaaactcct	tgttcttttt	gcaggatccc	atcgattcnc	60
ttttccatga	ctccaggctg	tgctctctct	catgtttggg	cccttctgtg	cccatgggtca	120
ggagctattc	gggtggcacc	tngctggcca	ggctctcccc	agtcgtggca	cctccacaat	180
gtgaattttc	tgaatcccta	ttccaggatt	nctgggaata	atgtttactt	ctanaatggn	240
cctgntgtaa	accatctcat	cnagggtgtg	taaagccatt	gnatgatgag	gggactgcca	300
tggaaaaggag	agtttgttac	ttacggttct	gagaggaggg	gccacatagg	aaagccccac	360
ggtgggtcac	aaagcggaag	gagggagggg	aacgtgtggg	cttgnntttt	ctngcacatc	420
tctgaagagt	tnttaatctt	cactcatcat	gtgccaagaa	gtgncatcat	aaaangaaat	480
atnttttttt	cctaggagca	gngttaaaat	ctgggtcaca	ttcctgacca	aggacagcat	540
cctgccttnt	gcccattncn	ttcagttcac	aaaagctgac	attttaaaac	aatcatgact	600
cacacgtntt	aattgggtat	aaaaaatgtt	gnggtacacc	tggttagata	aaaacttaan	660
ggccacaang	gangggcccc	aaggtanncg	atgtcaagtg	tgtnaaaggg	gcctggattg	720
ggccntggnn	aanggatatt	tgggcaaaac	ccaaaanttt	ttngngcccc	nn	772

<210> 4643

<211> 710

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4643

nnaacngaac	cttgcanttt	gacttccttt	acgcatncgc	angatcccat	cgattcccag	60
anatgcncac	cagccctgca	cggnagggtt	ttcctgaacc	tggtcatgg	atanagaanc	120
ncacgagggc	ataactgcct	gtccgngaaa	anccaagcta	nccnaccttg	gtcnnctttg	180
ntgtgnnncn	nnntntgcna	agntgggtgaa	aaagaaagag	atccngacca	nagaacttct	240
nnanggatgg	acntgctnac	tggggaatgn	gncgcccncn	ntacttgac	antanattcg	300
aaanngtgna	ggntacacga	cattntgacc	cgctcaaatt	gcagggctcc	tnacgcnacg	360
cttctntagc	tttctacgtt	tentntncnc	cacngtngac	gcntttcccc	gggaagntct	420
aaataaatgn	gctcctnta	nnntntcgat	tcnatcgcta	tacagncncc	tgaanaccng	480
aaaaaatttg	cnggnntgtg	gtgcacgtaa	anggccnctn	ncngggaaca	gttattgacc	540
tntncgatgg	aaancanggn	tttaaactgg	ntcnnngngg	aacntgaaca	nactaacctt	600
cnagtcnatn	ttttttgggt	acggaanntn	taantgggct	nncttnanaa	tctctgatan	660
natggtagnn	gactncacga	ttaanctaca	atenttcttt	tngggggaat		710

<210> 4644
 <211> 1315
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1315)
 <223> n = A,T,C or G

<400> 4644

anggnnnnt	ttttttnnnn	tttttttnnn	ccccnttnn	tctacnnnnc	gtgggaaaaa	60
aaaatcccn	cntttttttg	ggggaaaaaa	aaantcccc	cccccnnt	nnccggnncn	120
nnntttttt	tgggggggnn	ngtnnaaaaa	nnngnnnnnn	nccccnnnn	nnnnnnnnnn	180
nnnnnnntgn	nnnnnancgn	nnagnnnnnn	nnntnttnnn	nnnnnnnnnn	tnnnncnnnn	240
nnnannnnnt	ttgnngnngn	nnnnnnnnng	ggggntttt	tttttttttg	ggnnanggnn	300
nnnnnnnnnn	annnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnnnngnnnn	nnnggggggg	360
gnnnnnnnng	tttttttnnn	nnnaanngnn	nnngnnnnnn	ngngggggnn	nnngnnnnnn	420
nannnnnanc	nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnanannnnn	nnnnnnnnnn	480
nngcnggggg	gggggggggg	ncnangcngt	naggggancc	acgagnngga	ggngtggggc	540
cannatgtcc	ttngancgcy	tctgcnagna	acnctncgag	gatgancnan	agnnccannn	600
anggnncngg	ccagnntagc	ncagnnttct	nannnctaan	tgngcggatc	anggggnntn	660
tncttaatat	ngtgngggct	aanannatgn	atggngnnac	tgatggngaa	acanntctna	720
ncgtantncc	angtagtgaa	tgctggntta	ntnnntttag	nggntnanta	gcannngcgg	780
nnaacnnann	gtggntcntn	nannnnantt	gnnannngnn	gggnttcnnc	ntnngnagan	840
ngntntnagg	ngncnnnncc	ntaaagtccn	nnannangtg	tnaanctnn	ctnaancggg	900
tatannnnnn	ntnnnnnggg	tnnnngnnnt	cnnnannngn	nnngnnannnt	gnnnnnagtn	960
tgngnntacg	annangtnna	nnancangnn	annnatgtgn	nnntnngnnnn	annnannntn	1020
tctgaactcg	tacnnngana	ncnnnggttn	nngcctcaca	nngtatngta	ngctgnnagn	1080
gnantatann	ntaagnantn	ttcntnnncc	antntntnnc	gtnaacgacg	atntnngtan	1140
ncnccgnntaa	nngcntaann	gcanatangt	natagngaga	ttcctnagtn	gaccnagggn	1200
atgatatnaa	ngntcangna	nnnannntnn	nctntngact	anangagann	atgananatg	1260
gntnnctngt	gnnnagnatn	tgatntctcg	ntgctcnena	gnaggntaac	acacc	1315

<210> 4645
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4645

ttgaaanncc	cnttagnnnt	tnnttnncnn	netctcaaaa	ccctttggca	actngctctn	60
tntgcaggga	tcccatcgat	tcgaattcgg	cacgaggctg	ccacaggggg	gcaatcttta	120
tttgtcttac	ttcctacccc	ttccctgttc	tgcctcttta	actcagttaa	gttggtctgt	180
ttgggacctg	gaaaagaacc	caaagaaaac	ctgaccggac	aggttcattt	ctggaatgca	240
gaaaacattt	taaaggctag	atTTTTtagaa	tattctcaac	tagcattctt	tccattgatt	300
tgaaggggaa	attaactatt	ataatctctt	gaatccaaaa	ctggatatta	agaactttcc	360
cccttactaa	gtttaagact	tttgtcatgt	ggtgagtcaa	ataagaccat	tttgattgta	420
aaccataaaa	tagttcagca	agtagcccac	agttctggcc	taacagcaga	cttgctgntt	480
tcacttggtg	tcctggagtt	gggttgctaa	ccttaatttc	tatgatgttt	tctaaaatga	540
aacttgataa	agtagaccac	cagctgcacc	cgtgttttct	gnaaaagtat	tggtagtaag	600
tggccaagag	acttgaggaa	aataccagat	tttttgnta	ccttggnctt	ggtttaagtc	660
ttaaaaaatt	aaagataaca	ttataatgna	gaatcanatg	gggcatannc	cttggaaagc	720
ctnccttgaa	aaaggnntta	aatatttang	aagcctttaa	aagacactta	aatggaccct	780
naaagacanc	n					791

<210> 4646
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4646

ttgaaanncc	cnttagnnnt	tnnttnncnn	netctcaaaa	ccctttggca	actngctctn	60
tntgcaggga	tcccatcgat	tcgaattcgg	cacgaggctg	ccacaggggg	gcaatcttta	120
tttgtcttac	ttcctacccc	ttccctgttc	tgcctcttta	actcagttaa	gttggtctgt	180
ttgggacctg	gaaaagaacc	caaagaaaac	ctgaccggac	aggttcattt	ctggaatgca	240
gaaaacattt	taaaggctag	atTTTTtagaa	tattctcaac	tagcattctt	tccattgatt	300
tgaaggggaa	attaactatt	ataatctctt	gaatccaaaa	ctggatatta	agaactttcc	360
cccttactaa	gtttaagact	tttgtcatgt	ggtgagtcaa	ataagaccat	tttgattgta	420
aaccataaaa	tagttcagca	agtagcccac	agttctggcc	taacagcaga	cttgctgntt	480
tcacttggtg	tcctggagtt	gggttgctaa	ccttaatttc	tatgatgttt	tctaaaatga	540
aacttgataa	agtagaccac	cagctgcacc	cgtgttttct	gnaaaagtat	tggtagtaag	600
tggccaagag	acttgaggaa	aataccagat	tttttgnta	ccttggnctt	ggtttaagtc	660
ttaaaaaatt	aaagataaca	ttataatgna	gaatcanatg	gggcatannc	cttggaaagc	720
ctnccttgaa	aaaggnntta	aatatttang	aagcctttaa	aagacactta	aatggaccct	780
naaagacanc	n					791

<210> 4647
 <211> 1427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1427)
 <223> n = A,T,C or G

<400> 4647

nntntnttng	gaaaaanttt	tccccctttt	ttactnntaa	nacctccggc	cattggccct	60
gggccagggg	gttccgggga	acnttcttta	aggnangggg	naatncccc	ccgggggttt	120
aacccgggaa	ggcccttccg	gaaaatttnc	cgccccctt	taattaaggt	gggaagnttn	180
tntttatttt	aacaaaat	ncaacttggg	gcccggtccg	gtttttttaa	caaaaacggt	240
ccggttgga	cttgggggga	aaaaaaaaacc	cccttgggcc	ggtttacccc	ccaaaacttt	300
aaatcgggcc	tttggcaagc	caacaatccc	ccctttttcg	gcccagcnt	tgggcggtaa	360
ataagccgaa	aagaanggnc	ccggcaaccg	gaatccggcc	ctttcccaa	caagtgttgc	420
gccaacctt	gaaatnggcg	gaaatnggaa	cgccgcccc	ttgtaagccg	ggcgccaatt	480
naanccggcc	ggccgggggtg	gttgggtngg	gttaacgcgc	ccaagccggt	nggaanccgg	540
ctttacaact	ttggnccaag	ccggccccct	taaaccggnc	ccggctttcc	ttttttcggc	600
ntttttcttt	ttcccccttt	cccttttttc	tttcggncce	caacggnttt	tcggggcccn	660
gggcnttttt	tttccccccc	gggttccaaa	aaaangggnc	ccnttttttn	ntttttttna	720
aaaaaaaaaa	aaaaaaaaaa	aanatcnggg	ggggggcctt	tncccccttt	ttttaagggg	780
gggttttccc	ccgnaaat	tnaaaatngg	gccttttttt	taaaccgggg	ggaaaacccc	840
nttttnggga	aaancccccc	ccnnaaaaaa	aaaaaaaaacc	tttttgggaa	anttttaaa	900
gggggggttn	ggnaaaatng	gggggttttc	cnaaacccgt	ttaaaanttn	ggggggggccc	960
caaantttng	ggccccccnt	ttggaaatta	aannaaacn	ggggnntttt	tttttttccg	1020
gnccccccnt	ttttttggna	aacccttttt	tnggggaaaa	tttcccccaa	ccgggttttc	1080
cnttttttna	aaaaaaaaag	ggggggggaac	ctttnttttt	gggttttccc	cnaaaaaaac	1140
tttgggggaa	aaaanaaaaa	acaaantttt	taaaancccc	ccnttttttn	tttttttttg	1200
gggggggggc	cccnnaaaat	tttcccnttt	tttttngggg	gaaaattttt	ttaaaaanaa	1260
aaaggggggg	ggaaaatttt	ttttttggnn	ccccgnaaaa	tnttttttcn	nggggggnccc	1320
cnttaatttt	nggggggntt	ttnaaaaaaa	aaaaaaaaatt	ggggggggnc	ttgggggnntt	1380
ttttttaaaa	cccnnaaaaa	aaaaaanttt	ttttnaaaac	ccgccccg		1427

<210> 4648
 <211> 1505
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1505)
 <223> n = A,T,C or G

<400> 4648

tttttnccca	aaaaaaaaaa	tttnggnccc	cctttttttt	ttttnaaaaa	aaaaaannnn	60
ngnccccenn	tttttnaggn	nnnnnnnttt	tttttnnnaa	aaatnanncc	cccnnttnan	120
nttttttttn	cccttaaaaa	aanagnaacc	ntttnggggg	caaaaaaaat	ccntccnan	180
aaaattnnaa	tnccatacaa	ttaaatnnag	naanngnncn	nnaangnnnn	nnnaaannnn	240
nnnnnnaaaa	tntannnang	nnnnancnna	naannggnc	ngnaaanngg	ggacaccnng	300
nnnnnttgg	nnggnttnaa	atgncennnc	cnnnnaaggn	ggntngtncn	aaannnttn	360
gnaannncac	attngnnnna	ncnanaaann	gnnnnnntnn	acctnaacan	tggggannnn	420
nnnnnnntnn	naanacnnca	tnananaaan	anganntgcn	caannnaann	aagngnnaan	480
annnatatnn	acnnnaagca	cnaacnncna	ncnanaaaaa	aaaccnngnn	acacntgnta	540
ccactcangg	ctngnacnt	tatgngnnca	atngatgnnn	annggncgca	ctacannnan	600
nngnnccaag	gnccacagan	ccacnaatca	nacntngtaa	tnaatgcan	cnnngncngc	660
aatannnaga	ccacnttnnn	natgacanng	caaanacngn	cannttanca	annggaangt	720
agtnacagta	acatanganc	ctnaantaac	ctatagcngg	gatnccagaa	ctaaaatact	780
ntanctacat	gnaacnttat	naataagaan	annggatnaa	atannatagt	aatgngnntc	840

ttanatnata	tctcacaaac	ncgatcntag	aaataaataa	atcgtagnan	ttntttatc	900
natanaaanag	attcatatan	antnatatat	ctatataatc	antatataaa	caacatatag	960
nnntataaaa	anaaatacta	aaaantcaan	anntanatta	nactcnaaan	ngagggcaaa	1020
ataanncgna	gnanaatata	taagtnnnan	tcacatanat	nnanaaaaaan	atatacaata	1080
tanannaaaa	aananatang	aaaananaaa	anctaaatan	naacnnatan	atataaaaata	1140
tantcnaaaa	acaatatata	anatanaaat	cnanatntan	nganataaag	atnaaanana	1200
tnntntaanc	ntncnnacac	ataatntaan	ntaatnnana	aaantnanct	tannngtgan	1260
aanactanaa	anatchnaaa	nnnatcaaat	atanggnnaa	naatatanaa	tatataacna	1320
atgngaaaca	ttcaaanact	annanatnna	naaananatc	ttaataanaa	atatananan	1380
ataanaataa	taagannta	aanactaaaa	cacctatntc	taaagtcact	anatcattng	1440
nnanacanat	ctataatnna	annataaaaa	aatatgnnt	nnnanaataa	tattntatcn	1500
annnc						1505

<210> 4649

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4649

ttantcatcn	ctcttggttg	antncntac	aactacttgt	tctttttgca	ggatcccatc	60
gattcgaaat	cggcacgagg	tgagccgagg	ttgcgccatt	gtactccagc	ctggggcaaca	120
agagcaaaac	tctgtttcaa	aaaaaaagaa	agaaagaaaa	ttacctggaa	ttcaatattg	180
ccatcggctg	atttaattct	aatatgaana	aaggggcagt	gtgatgtgcc	atggagcatn	240
cacaacctgc	catttcaccc	accaacctta	gaaagccatt	gaaaagagtt	gttttttaatg	300
gtgtttttac	atccagcttc	ccacacctca	aatacttggg	gtggaattgt	taatctcaca	360
ttgcagtaca	atgaaaatag	tgggaatggaa	atcaagttat	aaaatggagc	taaatatttc	420
ttctgcttgc	ctctgagttg	acaagatacc	ataagatact	gtacatgagg	ctgggcgccg	480
gtggctcacg	tcttatttct	tctgcttgcc	tctgagttga	caagatacca	taagatactg	540
tcatgaggct	gggtgcagtg	gtcacgcct	gtaatcccag	cactttggga	gggtgaggtg	600
ggcagatcac	ctgaggtcgg	gagttcaaaa	ccagcctgac	tgacatgnag	aaacccccctc	660
ttttctaaaa	aatcaaaant	agcccaggcc	ttggtggtgc	atgcctataa	ttncagctac	720
tcnggaagct	tangcangga	aaaaaaaaaa	aaatttccn			759

<210> 4650

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A,T,C or G

<400> 4650

ccnccntnnt	tcccccttnn	nnggtgggna	aaanaaccnn	cttttttgaa	aaaaaacccc	60
cccctttttt	tggnaaaaaa	cccccgttt	tacnanaaan	acnggncncg	agggggganc	120
ccccncncc	ngggnnnggn	gngangcnnn	nactngncna	cnccacggcn	naacacncaa	180
aaactnggnn	gnggattnta	ttgagnggna	aaagggacga	nggctgngca	nagnnagaga	240
aanngggcna	gcccggnaac	gacgganggg	naaaaatatg	gggggnnnaa	ngacaaaagg	300
aggccctgcy	cnaanccgaa	ccatnannan	ncccccgtag	cccggcccna	ccnacgaacc	360
aannccctaac	agaancaana	tgnggcnggg	anaaacagnn	naggnaaaca	aggattcgag	420

aggangaggg	gggaacaagc	antngtgggn	gangtnanan	aacangggga	ttttcnaatg	480
agaanaatgc	anggcnga	natcncgctg	ggnatggagg	gnacttgenc	cgccagatcg	540
cataaaacgc	acgcaactgn	gccacaaaca	tacggangan	tgngcaannc	naaannngnn	600
gccccgantn	acctgaggag	gganctaang	ctttgggaaa	agaacaaaaa	acctnggacn	660
ggacaagggg	gaaggatgaa	cangaagacc	cggaaacaag	aggaagggga	nncgccncta	720
aanntaaaca	catccaaang	cgnaaagggg	aanccttngg	ncnaannngag	gaaacctgna	780
ccctnacntc	caaaccncgn	ttttaagaaa	gggggaaaac	caaccnntga	agcnantncc	840
ccccnnnggg	ggnaaannaa	cnacctgggc	ccaaannntt	tgaangaacn	gananggnaa	900
acnaagggna	atggggg					917

<210> 4651
 <211> 1282
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1282)
 <223> n = A,T,C or G

<400> 4651

agnnnnnnnn	nattnnnnnn	nnttttttga	aaaaaccccc	cttttgggna	aaaaaanggc	60
ccccgagggg	natttnnaat	ttaccccctt	cntnnttgca	aaaanccncn	ttttggggaa	120
aaaanccccc	cacancgncn	nnttttttng	gnngnaaaaa	aggnancccg	nnnnnnangg	180
nanctannnn	nnnnncncnn	nggcnnanng	nnnnngnggn	cnnngnnngn	cnnnnnnaan	240
nnnnnnnggg	gttttttnan	nnncncnnan	cnannnnnnn	nannnnnnnn	ngnnnnngng	300
nncnagnncg	ngggggggnn	ncangnanaa	nnngggccng	nnngngnang	naanngnna	360
gngccaanna	cnannaagnn	nannaangga	ccnnnnnana	nnnanangcc	nnnnnnnnnn	420
canaacaagn	acccatgacn	nnnaatgacn	aggncctagg	naccanaaan	ccaagcccna	480
ngnananctg	ncncaggcca	ngaacaccag	ccaaagaann	gagcaccccn	aaccacnagc	540
ncancnaggg	aaancaggnn	caaaggncaa	aggnaactaa	ccaaanaacc	cccantaagg	600
gccaaaaaag	cctnggagcn	gcgagnanaa	nnaaaaangc	ctaaggnggc	cnangggcng	660
aaaaaagang	cgnanaannc	aagggaccan	aagagnaaan	naangnccca	antcncannn	720
aannananag	ngcnccccc	accannaaga	tcnnaanccn	gggggnannaa	acnngancaa	780
tcgnncncnn	nnncncnann	ggnacnaaan	anaaaancgg	ggngaccaag	nccnaaangc	840
angannanaa	aanagntaca	ngntcggnca	tnaaaacnan	ancacnggaa	aancacacnn	900
caanncaanc	ngnanannng	gggagagnnc	acnnaannga	nanaaannac	nacnaccac	960
anaaggngan	cnacnggccn	ggannnnanac	aananggc	aaaanngagn	caccgcagna	1020
ancngcgana	nngcgcnnc	cnanaacggn	agncnnaaaa	gaaaganacn	aannacangc	1080
anngacncac	gancnananc	cccaaacnag	gnnanacnca	anacacntnn	ngcaganana	1140
accacnnnag	nacacncaca	cgctacaagn	gnatnanagc	nantatagan	antacanacn	1200
cnanacanac	ngcatnannc	acaacnatac	ngacanacng	canntgaaaa	atnnggaann	1260
nanagaacgg	agagnacaac	cn				1282

<210> 4652
 <211> 1282
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1282)
 <223> n = A,T,C or G

<400> 4652

agnnnnnnnn	nattnnnnnn	nnttttttga	aaaaaccccc	cttttgggna	aaaaaanggc	60
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ccccgagggg	natttnnaat	ttacccctt	cntnnttgca	aaaanccn	ttttggggaa	120
aaaanccccc	cacancgncn	nntttttgng	gnngnaaaaa	aggnancccg	nnnnnnangg	180
nanctannnn	nnnnnncn	nggcnnanng	nnnnngnggn	cnngngnnngn	cnnnnnnaan	240
nnnnnnnggg	gttttttnan	nncncnnnan	cnannnnnnn	nannnnnnnn	ngnnnnngng	300
nncnagnncg	ngggggggnn	ncangnanaa	nngggccnng	nnngngnang	naanngnna	360
gngccaanna	cnannaagnn	nannaangga	ccnnnnnana	nnnanangcc	ncccccccc	420
canaacaagn	acccatgacn	nnnaatgacn	aggncctagg	naccanaan	ccaagccna	480
ngnananctg	ncncaggcca	ngaacaccag	ccaaagaann	gagcaccccn	aaccacnagc	540
ncancnaggg	aaancagggn	caaaggncaa	aggnaactaa	ccaaanaacc	cccantaagg	600
gccaataaag	cctnggagcn	gcgagnanaa	nnaaaaangc	ctaaggngnc	cnanggccng	660
aaaaaagang	cgnanaannc	aagggaccan	aagagnaaan	naangnccca	antcncannn	720
aannananag	ngcnccccc	accannaaga	tcnnaanccn	ggggannana	acnngancaa	780
tcgnncnncn	nncncnannc	ggnacnaaan	anaaaaancg	ggngaccaag	nccnaaangc	840
angannanaa	aanagntaca	ngntcgnnca	tnaaaacnan	ancacgngaa	aancacacnn	900
caanncaanc	ngnanannng	gggagagnnc	acnnaannga	nanaaannac	nacncaccac	960
anaaggngan	cnacnggccn	ggannnnanac	aananggcna	aaaanngagn	caccgcagna	1020
ancngcgana	nngcgcnnc	cnanaacggn	agncnnaaaa	gaaaganacn	aannacangc	1080
anngacncac	gancnananc	cccaaacnag	gnnanacnca	anacacntnn	ngcaganana	1140
accacnnnag	nacacncaca	cgctacaagn	gnatnanagc	nantatagan	antacanacn	1200
cnanacanac	ngcatnannc	acaacnatac	ngacanacng	canntgaaaa	atnnnggaann	1260
nanagaacgg	agagnacaac	cn				1282

<210> 4653

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1356)

<223> n = A,T,C or G

<400> 4653

tttggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnttttgttt	ttgcnaaaaa	aaaccnccnt	120
tttggggnaa	aaattncncc	ccnannnnng	ncccnantnt	ttgnnnngaan	nggaanangn	180
nnanannccc	nncnnnnnnng	nnnnnnnnnn	nnnnnnnanga	nnnanaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnngggggg	ggcnnatann	anannnnanna	300
aaaaannnna	annaaaacca	nangggngna	nngnnaanan	acnnnnanaa	aannannnna	360
nnnanangga	aaanannnaa	nnaaannana	aganannnnn	nacaaanncn	naaannngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnnac	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naagggaacnn	nctanacaac	660
acccaanann	gaaancaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	gganngngnn	aaacgaaaaa	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananacacn	aanacgaaan	caaaagaang	naccnncnan	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnnn	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaag	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnna	aangaanagn	tacgnanaca	anaaaaanaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacaatc	acanc			1356

<210> 4654
 <211> 1356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1356)
 <223> n = A,T,C or G

<400> 4654

tttgggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnntttgttt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aaattncncc	ccnannnncg	ncccnantnt	ttgnnnngaan	nggaanangn	180
nnanannccc	nncnnnnnng	nnnnnnnann	nnnnnnnanga	nnnanaaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnngggggg	ggcnnatann	anannnanna	300
aaaaannnna	annaaaacca	nangggngna	nngnnaanan	acnnnanaan	aannannnna	360
nnnanangga	aaanannnaa	nnaaannana	aganannnnn	nacaaanncn	naaannngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agnngaangn	gnaaagnacn	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaancaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	gganngngnn	aaacgaaaaa	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaaangc	aananaacacn	aanacgaaan	caaaagaang	naccncnan	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnnn	cagacnannt	aaggacncac	ataangaanc	900
anagaaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaaag	1020
aataanaana	cannnannan	agggcnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnna	aangaanagn	tacgnanaca	anaaaanaaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannnacn	cgtcacaatc	acancc			1356

<210> 4655
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1326)
 <223> n = A,T,C or G

<400> 4655

ttttggccna	aaaaaaaaann	nnggccccnt	tttggggggc	cnaaaaaann	nnnggggccc	60
ccnnggnggn	gnnnntntnt	ttnnnnngnt	tttnccccnn	nnntcttttt	ctngggnaaa	120
aancccccct	tnntttgggg	gaaaaaaann	cccccccnnn	nngnnnnntt	ttttttgggg	180
ggnaaaaaaa	nnnnncccc	cnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngggggnttt	tttttnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnggg	ggggnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	420
ggggggggng	gngnggnngn	nngcnngngn	annggnngca	nngngnngnn	nannggnngg	480
gnnnnnnnngn	annnnnncnn	ngnngnnngn	nggnnnnggg	ncnannnnngg	cnnnnnnngg	540
gggnannngn	nnnnggnann	nnannnnngg	ggannnggnn	cgngngngnn	nnngganann	600

nnnggnngnan	ggannnnannn	annnnnnnnng	gnanccnnac	nnannnnnnnn	nnngngcggga	660
ancnnncnnn	ngnnncnnng	acnnggggnn	gnnnnnnnnn	nnnnnnnnng	aanggnnnnn	720
nnnnngnnnn	nnngannnnn	nnnnnnnnng	gncnnngnecg	nnngaagnng	nnnnnnngnn	780
nnnnnnnnnn	nggggggggn	nnnnnnnnng	nnnnnnngnan	cnnnnnnnnn	gnnnagnngc	840
nnngnnnnnn	ggnnnngcnc	nnnnnnngnn	nannnnngng	nnnnnnnnnn	nnnnnnngng	900
gnnnnnnann	nnnnnnnnng	nnnnngnnnn	nnnnnnngnn	nnnnnnnnnn	nanagnnnnn	960
nnngngnaaa	gnnnnnnnnn	nnnnnnngng	gnnnncgngg	ngnnnnnnng	nnnnnnnnnn	1020
nnngnnnnnn	nnnnaggggn	nnnnngnnng	nnnnngngnn	nnnnnnngnn	nnnnngngnn	1080
nanngnnnan	nnnnngnnnn	nanncacnnn	nnnnnnngnn	ncgnnnnngnn	ngnnngnnnn	1140
nnnnngngnn	nnnnnnnnnn	nnngnnnnng	nnnnnnnnng	cgnnnnnnnn	nnnnnnngng	1200
ngnannnnnn	nnngggannn	nnnnnnnnnn	ngnnnnnnnn	nnnnnnnnnn	ngnannnnnn	1260
nangnnngnn	nnnnngannng	nnnnngnnnn	nnnnnnnnng	nannnnnnnn	annnnnnnanc	1320
gcgncc						1326

<210> 4656

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (868)

<223> n = A,T,C or G

<400> 4656

gnnnnnnnnnn	nnnnnnnnnn	ttttgggaaa	aacncccttt	gggnaaaann	nccccggggnn	60
ntttgaaann	ccctcctccg	gaaanccctt	ttgggaaann	nnccccnngn	cngttgggan	120
ccnancgacc	cgaatncggc	acgagccgag	gaccagcgca	gagaggagaa	ggctncagcg	180
ngaggccaac	aannagancg	agnagcagcn	gcagaaggac	aagcaggncn	accgggccac	240
gcaccgcngn	ngcngcnggg	ngnnngggga	acncgggnaa	agcaccanng	agaagcagat	300
gaggagccgg	cangtgaatg	gggnnaangg	agangagaag	gcaaccagan	nagagnggac	360
tncattctga	gngagangaa	cgngccngac	tntgacncac	ctcccgaagn	ctangagcat	420
gccaaaggcnc	tgngggagga	tgaaggagng	cgagcctgct	acgaacgcgc	caacgaggac	480
caagctgatn	gacngngccc	agngctncng	gacaagaacg	acggggagta	agcaggccga	540
cnangagccc	gagcgaacag	gacccggnnc	gctgccatgn	cngactnccg	gaanccangg	600
ggaccaagan	ccaggnggac	aaaggcaact	gccacanggg	ncgacgnggg	anggccagcg	660
cngaagaang	ccgcaagggg	gaaccagagn	gctnaaacgg	aaggggaact	ggcnancagn	720
nnnnnggggg	gggccagcag	cnacnnacca	acanggggca	anccgggaag	ggaaaaccan	780
gancaacgcg	ccngnangga	aggnaccgga	accnnngnana	agaagcaann	ngggaacaac	840
anganggggn	ngcanancca	tcncnncn				868

<210> 4657

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1319)

<223> n = A,T,C or G

<400> 4657

cccnaaaaaa	aaanangncc	ccttttgggg	gtcaaaaaaa	atccccggccc	caattnttnn	60
nnnnnttttt	tcaaaaanaaa	aaaccccccc	tnacnttttt	tnccaaaaaa	aanccgcccc	120
tttgggggga	aaaaaaaacc	ctccncaaaa	anncnngnnn	tncaattcaa	naccnngagg	180
ggnatnnngc	cccnaaaana	nnccnaaang	ngnnncanta	gnnnnnaana	nnngannnnn	240

nncncaatnn	nggngngncn	nnanacnnnn	nnnnngngcn	nannaannan	acnnnaaggg	300
gggaaantnc	ntnnnnnann	annaaaggg	gnnnnccaaa	annnnnaan	nnngnggnaa	360
nananannnn	gnagnacng	aaaccncn	antncnnnn	naannacann	naccnannan	420
ancnnnnncan	nnnccnnnn	naanannann	agnaaangnn	annaaancga	ganancnaaa	480
cnnnnanana	accacann	accagaacac	ancagnacag	ncaaancntc	acatananaa	540
angtgcanta	cnnnatatc	ccgacacann	ccnanagacn	aaatacaacn	gatnnacnca	600
nnanannacc	nancnaaaaa	acaancacaa	ancaangana	aaanaacann	naacgacact	660
aanaagcaca	nancgngcc	nacaanaccc	nacacaaacc	nnacngccaa	nnancnaaaaa	720
ctaaaaacnga	atatcacnna	cacnnnnnaa	ctnncacaaa	aacnaccacc	ngnaaaaaacn	780
nnnnngnaaag	gngncancaa	atngaaaaaa	cnaaaaaaan	nnnaccangc	acannaaaaac	840
nnntnnacna	tgacanacaa	anaaananac	nntaaaaann	aacaannaca	acncnaacan	900
nttaaannc	aaannatanc	ccgcagcnaa	attaatangn	nanancntca	canannaaan	960
naacnaaccc	cantgtanan	aaaccncaat	ancaccacna	natanncaaa	ggtaangana	1020
aacccanaaa	naccanatat	naaacaagcg	ncaaaccana	acnngaccca	tccaannatn	1080
cnaacacaaa	naaanatatn	catnaaacac	acacaanacc	acctcnnnaa	nnnacntacc	1140
ntanaaacat	ncaaaanctn	natngacacn	nacaaaacag	caccanntca	anaccnaana	1200
nactacacag	agatacanag	acaanntnnn	nnncnagaaa	ccacacgacc	catnanacnn	1260
acctntcnca	cnacncnntc	nancgcgga	gnnaaaaaata	anacacanaa	acacacnca	1319

<210> 4658

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1088)

<223> n = A,T,C or G

<400> 4658

gaggnttttt	tccaaaaaaa	nnccccagag	ggnnnatttt	tgcaaaaaac	gcnttttgg	60
tttacaaaaa	nccgcttttt	gggnaaaatt	ttngggccng	naaaaagnna	ttntntngga	120
nnnanaanaa	nnnnnaann	ganggganan	naaannann	annnnnaann	nannnnanag	180
anaanaggg	gnnnangnna	ntttttnnnn	nannganggg	ggaannann	acnanngggg	240
nganannann	nnnannnnnn	annngggngg	gnnnanann	aannangngg	gnaganagan	300
nnannnnngn	nananaccnn	agnnnannna	ganannnnaa	naaannccnn	annnananaa	360
gaaacanaag	nnnaaaanac	aggaaaaaaa	aaganaaaant	acngnaanta	anacaaaaaa	420
aacaaaaacna	ncatngnanc	aggnananag	tagcaanaac	nganngaagg	canaagagag	480
aaagnentga	cnaaagagga	ngagntnttt	naactaagan	agagannnac	ngaantgnaa	540
acangaancn	natganaaaa	aaggntnnga	canaagaaga	angcnanaca	nnaaaangan	600
ngaagnatga	aagaaaaann	naaagcntng	gnanaaaaaa	anagagatna	anaaaaaatn	660
aaaagaanag	aannaacnna	atntcngnna	ancncgagaa	aatgggnnaa	gaaacangaa	720
naanatacaa	gaacnaaaga	nagnncggaa	anaaganagg	nanaaagaac	nanatataan	780
nganaagnta	nacanggata	acangnagat	ganaangagn	acannanaga	nanatgnang	840
ngacnanagg	gagantaaaa	anntaagnna	nnaaanana	aagcnannga	gannnnaccn	900
gnanacgggn	annacataac	anactnann	nanaaaatac	nnnaaaggga	gananacgca	960
naatnnngca	naannannan	anaacgaaga	atangaagng	annncaggan	agatagaaan	1020
anganntaga	acngaaanna	aantnnncaa	ancaatnana	aanagncann	gnacatanaa	1080
aacaacnn						1088

<210> 4659

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1267)
 <223> n = A,T,C or G

<400> 4659

agggttttttt	gcaaaaaaaan	ccccccnttt	ttggncnntt	tttgcnaaaa	aanncgccctt	60
ttgggttttna	aaaacacccc	cctttttttgc	nnaaaattat	acgcncagtn	annatgnnnn	120
ntatnnnnnn	nnannnanaa	nnnnnnnnnn	aananaannng	ggngnnnnann	annnaaanna	180
naannnnnnn	ttttntannn	angnaaatan	nnannnnnnan	atttnttnnn	annnnnnnnnn	240
naannntnnn	tntnaaaaann	ggngngnana	nnannacnna	nnntnanatn	nnaananaann	300
nnnnnnnnnn	tanngaggng	annnnnnana	naanngannn	anaannnnna	nnancanaat	360
nnnnaaanant	nnngnanaaa	naantaanan	nnacnaatca	naannnaana	nnnannnaaan	420
nnannaataa	nncaaaaaaa	aagccanann	tatannaaaa	cntcaatann	cgtanaanaa	480
gaanatnacn	natannaana	naanactacc	aaaactnaaa	annnnaatnc	atatcnaana	540
taactannaa	nngaatanata	nancaganaa	nnnagnanna	atnntannan	naaagcannn	600
ngnnaaanacn	tcaagcntag	antanntaca	aatacnnnaa	atantaacnn	nanananaaa	660
anaannnnnn	naacatncna	agannnnana	acaaanaaann	gnacaannan	taacnannan	720
anaaananat	ataaacanna	ananannnaa	taaataaaant	atanataang	ngntcanata	780
ttnaagacaa	ncnaantaaa	cntnnancat	nancgaacta	taaatagaan	nganatataga	840
nataaanatna	mntanaacnc	nataatatanc	nagtanaatnt	nanancacta	nanatacnan	900
nanaaaantcn	tactanacan	naacanctnn	aactnanann	antannnnagn	aacacncata	960
nancgannna	atancnctna	anntnnanna	ctctgaanaa	annacanata	aataactata	1020
nangctagnn	acantncacn	tagtannnaa	tatntanana	ttcnctanat	ananntntan	1080
atcactacgn	actcanacat	anaaannaag	tcttanagan	aaatatcact	caanaannna	1140
ngggncacta	tntanncatn	anncanaata	nnncancata	tannacanat	aaantnnana	1200
tcnnaangat	naaatntnan	angacnanac	anatangtnt	atnnctaanc	tgtaaataca	1260
ncacgaa						1267

<210> 4660
 <211> 1235
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1235)
 <223> n = A,T,C or G

<400> 4660

gtttgaaatn	cctttgggnat	ttctaattgct	tgntnancgn	cattnatatn	tgngngantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggtt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntganttngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggatcctta	tntatcttng	nnatgtntta	aannganata	atantntttt	300
naatttttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattntntann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttntntttt	420
ttntctnnna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	atttttnannt	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atttatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnttatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nttttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gngantttatt	tnnttggtata	840
taggattact	atnttatgat	anannttctt	tntataatna	aatatnatan	tgagggtntn	900
ctttntacag	ttgtannntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnattttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020

natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	mntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4661

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 4661

gtttgaaatn	cctttggnat	ttctaagtct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggatcccta	tntatcttng	nnatgnttta	aannganata	atantntttn	300
naattttacn	atntagana	ttnatnggtg	aaactttatc	atatgntnna	aattnttann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttntattttn	420
ttncntntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	atnttnannt	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatngna	nattataatc	atntatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnntatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nttttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gngantttat	tnnttgata	840
taggattact	atnttatgat	anannntctt	tntataatna	aatatnatan	tgagggtntn	900
ctttntacag	ttgtannntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnattttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020
natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	mntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4662

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4662

tntaatttna	tnctntannc	cnttcaactn	cttggtcttt	ttgcaggatc	ccatcgatcc	60
gaattcggca	cgagatgagc	ccatgaactt	ccccagaaac	tcattgtctt	ctatttccgt	120
aacagctcct	aaccactagt	cgggctttgc	acacagcgac	ttctccgtaa	atgttgactg	180
cagggcagaa	agaaaggcta	aaagtcttta	ggagaatggt	tgcctttgca	tgtatatgct	240
ggcgatgcta	ataagtccca	gctagacctg	gcagtgagta	agttcagggg	tggcaattta	300
atnttcttgc	tattagtaaa	acaaacagta	ggtgggatgg	gtggtaagct	taaatatctc	360
tgacgcgcca	tttaaaccat	ccateccacc	tgtgggttgt	ctgcacctgc	tcttttgttg	420

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cggtgggtct cctaatttgc ttttcagtc ctttcatctt atcattgttc tcaaaggcac 480
cgctctgcaa accacataaa ggcccttcaa cttncgctgc attttgtttt attcagccaa 540
ttgactagta ctgtcagcta attggattgg aaatgtaaaa tgaaagctgt attattcaac 600
tgccaacctc ctcaattggc anggagtggg tgatgctggt aattgaccan aagtgtatt 660
gctctgggtc tgcctctgga ttttaacaatg aaccctggga gggctttctn tganacactt 720
gatacctgct tttttttttt tcccnggggn 750

```

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<210> 4663
<211> 808
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(808)
<223> n = A,T,C or G

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<400> 4663
gttnnnnnntt tgaatccctt ngctctngnc tttttgcagg atcccatcga ttgcactaa 60
aaataggttt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag 120
caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtggga ctgcatttaa 180
atthgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg 240
tacttctgtg ttcatttttt tttttttttg gctagagttt ccactatccc aataaagaat 300
tacagtacac atccccagaa tccataaatg tgttcctggc ccactctgta atagttcagt 360
agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg 420
catttctata ctttacagga aaaaaaattc tgntgttcca ttttatgcag aagcatattt 480
tgctggtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta 540
cagcattgnc tttgctggac tcttctgatg ggctgctaga ttttaattta tttgggtccc 600
tacttgataa tattaaggga ttctggattt cagggtttca tttgggttgc ttttggtttt 660
ttcctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa 720
aacattaatt ttnggccnn nnnaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnna aacctcggn cttntaaa 808

```

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<210> 4664
<211> 1008
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1008)
<223> n = A,T,C or G

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```

<400> 4664
cgcncncnn cnnngnnnnn nannnnnnng nnnngnnnt ttnnttttcn anncenttca 60
gnccttggt catgatgcag gatcccatcg attcgaacnn gcacngtct atcncnnngt 120
gaagcactac ccngntacg ggttnacca tgcttggga gntnggccat gggcccggtc 180
acgaacanaa cgggcctgga cgcctcgccc ctggccgcag atacctncta ctaccagggg 240
gngnactccc ggccattat gaactcctct taagaagacg acggcttcag gcccggctaa 300
ctctggcacc cgggatcnag gacanntgan gancaagngg gggtcganac ntnggggaga 360
cggagtgtgca tagacgcang gggagaagaa attcataacn ccccggnccn aacaccncna 420
aggacagcag tctgtttnac cccgntgcan cccgttctcg gtcenaacag agggccacca 480
cagnatncnc cacanttcta tattanggag gaanancggg gaaagaatgt anaattttga 540
anaataaanc tactggtggt ccaaanaact gnnccgacn cncctgcntn gtgnnaaagc 600
gncnttgga ngattnctng aaatttnntt tgggtggtg ggnaggnncc cccntccca 660
tttgcncgn cgggttgga aggggaaatt tcctttcctt tcacctcan tatnaaaagg 720

```

ttttncctgg	gagntngaac	tttcggggggg	ttaaaaaanc	ccattgtggg	ngcccaataa	780
anccangacn	ccncttaggg	ggggaagncc	cntnccgggn	ganntncgtg	tccanaacgn	840
gngggncngt	atctttngtg	gggncttntt	tcnaaccnat	tttgggggga	ggangcnggg	900
nntaacctt	ggcaaccncc	cggaaacatn	gggtgatgtg	nnaaaacatt	tncggatgca	960
naatattttg	gcncccgggg	ggngccnnan	tatatattgng	gannagcc		1008

<210> 4665

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1690)

<223> n = A,T,C or G

<400> 4665

ccnccnann	acnnngcnnn	nnaaannnaa	nnncnnnann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnnang	cgagnnancn	gaanangacg	cannnnnannn	nngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaaaa	acnggcttgg	ggagannnct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nancncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnganan	720
acangnnnan	cncancanan	ancnangaag	atntntncca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagannnn	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnncaccgcn	nnnanctctn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnaanaana	tctncccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcggnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacngga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agccngcacc	ancnctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacncctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nntatactaa	cnanananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnngagt	cngcngannn	tccnnnnctn	atcnnacagaa	1680
ntnctnnncn						1690

<210> 4666

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(839)

<223> n = A,T,C or G

<400> 4666

tttgaaaacc	tttnatacaa	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgaggg	nangganncn	ncangatcct	gganggnctn	cnetggncga	gaccaaggaa	120
aagcntcggn	cgatnggngn	cccaatgcan	ggtgatgggg	atggcttnna	nnctantgnt	180
gnnccnatat	ccannatnan	gctggtgcat	aangnantcn	nnnnccctaa	nnncgcngaa	240
nnntggncng	atnttgntcn	ngacnntgtg	nnnttnnatg	tnnacactgt	nnttnnnaac	300
nntgttcggn	ccnncnangc	tgatnntgac	ctggncaatg	acctgctgtg	gnantgctgg	360
nttcactgnt	cangtgacta	tattnatcca	tacannacca	attnaccttg	ctcatatcat	420
ccntagnntt	gnattgccac	tcgngattnn	attgcantnc	aangcnnanc	tttaactann	480
ngggatnata	aatnntccgc	ccntttnttg	nnanaaaaaat	cttgnaaagg	aanagcccnt	540
tacacttgta	aggaaattnn	ggccccaacc	tnagcaaata	gcatanaaaa	ggttggcngg	600
ncangtcena	tanaaanctt	nnangannat	tgtcaaaaaca	nntnnacctt	tctggncatg	660
aatcattggg	tggtgnttnt	agactnccaa	gagnttgggg	nggntntttt	tcaaaaaant	720
tttananaga	acntttgcnc	ggaactgttc	agngggcaat	caactttttc	ncggnaaggc	780
tttagactgc	taaaatggan	ttnttncct	tataactgcc	ancccaaata	tttatncct	839

<210> 4667

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 4667

gnnnnnnnnn	ntntnaata	tacagctctt	gttctttttg	caggacccat	cgattcgctc	60
angcnggngc	ctccttcccc	agntttgntg	cctgagtggg	accagtgcnn	acncacagnc	120
cggaaaaggc	gcatctaacg	cntnttnagg	ctnnggtaac	tgccggacaag	ttgctttnac	180
ctgatttgat	gatacatntc	attaagggtc	cagttataaa	tattttgcta	atatttatta	240
agngactata	tgaatgcanc	tncattnacc	agtaacttat	nttaaataatg	cctagtaaca	300
catatgtngn	ataatntcta	gaaacaaaca	tntaataagn	atataatccn	gtgaaaatnt	360
gaggcttgat	aatattaggt	agtgacaatg	aagcatggna	gaagctgtna	cagattacat	420
anagaataat	gaggagatta	tgatggaacc	ttaatataata	atggtgncag	cgattntagt	480
tnaatattcg	atactggnat	ctatctgctg	tatatggaat	actttttaatt	caaacgctga	540
anacgaatca	gcatttagtc	ttgccaggna	cacccaataa	tcagncatgt	gtaatatnca	600
caagttcgtn	tctgtttttg	gttatnttga	tggtnggttt	gtgnttttgc	tttaagttgc	660
atgagctttn	tgcnngaaat	antcactcat	cccactccag	ataaggggnt	tagtcatnag	720
aaagtctgtc	tggttgatga	tggtacgggg	gccaatcttt	ntcccccttc	tggttaatat	780
tcattacatt	tctatgccnn	nnnaggancn	natccataac	tttancttaa	ngtncacatt	840
ggnatttt						848

<210> 4668

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1690)

<223> n = A,T,C or G

<400> 4668

ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnnann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnnnnn	nngaangann	120

nnnnncncgng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnnncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaaaa	acnggcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgananan	720
acangnnnan	cncancanan	ancnangaag	atntntncca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncacagnann	angcntnang	acncacnnna	cacacnecgn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnncaccgcn	nnnanctctn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncnccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcggnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacgnga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnnancagc	agcncgcacc	ancnctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	cnncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nttatactaa	cnanananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnngagt	cngcngannn	tcnnnnnctn	atcnnagaa	1680
ntnctntnnn						1690

<210> 4669

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4669

ttttcataca	gctcttggtc	tttttgccag	atccctcgat	tcgaattcgg	cacgaggtga	60
ggctctctta	aaaaatttaa	aaatactgaa	gaaacaaagg	gaggagtgtg	tagaatctgg	120
agtggaggaa	acttctgtgt	caccaaacac	agaaaccatc	aaagaaaatc	tttcacttcc	180
aaaattagtc	tatagaaaaa	aaaaagaaaa	tcttaaccca	aataagagac	tgaggcaaga	240
gcttcaatca	atcgagggtt	actgagccag	agttggagcg	tgccaggaaa	gcaacacaag	300
tcaaagaaac	gtctgtggcc	tgtgctctcc	caagaagttt	tcaggaggct	caatatttgt	360
acatttcttt	aaagggggaga	agacagttag	gcaaagtgtt	atgtttttgt	gagactctta	420
attagtgtcc	cgtaaactta	agctatatgg	aagatagggt	gaacactgga	agaacagggg	480
gtaacagaag	accaattatg	cagaggtctc	agggttaggtg	gaggaatgat	tgatctcatc	540
ttatccttgt	ctgcacctgg	gcagatnaac	tttgtaattg	acattgtcag	tgtgaaattt	600
acaagacttt	tgggttttagg	agtttaggtt	agggttgccag	acctaaagt	gcagttgaca	660
tgtnccttgt	ttataggagg	atntccatnc	tgaaagttaa	gggactggcc	aanaattact	720
ggtgagcaat	ttgtgantgc	ggcnctggag	atcatgange	tttttgccct	tttnggggat	780

<210> 4670

<211> 712

<212> DNA

<213> Homo sapiens

<400> 4670

gttttagagc	agctcttggt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgaggaa	60
ctagtctcga	gttttttttt	tttttttttt	atgatattac	accatagggt	ttattaacga	120
taaatgtttg	cattactttt	aaaagcttag	ctcttactaa	gcattcttta	acaaaagcta	180
ataagcaaga	aatcatttgc	catacgga	ctatattcac	aaacaagact	ttaatccaat	240
attgaaagct	aaagaattag	aaaaaataca	aaacactgct	atgagtcaat	tgaactgcta	300
tcattgaatt	tgctgcattt	agaatgacat	aaacatactg	aacataaaaa	caatttttatg	360
gatttattct	ataagactag	cattaagaat	gacatacaat	ttgtgatttc	ctttaaaaat	420
aattttttac	aacagaatcc	atgtgaacaa	agggtctttt	tttccctcca	tttgagggga	480
agacaatcta	tgtttcccaa	acagatcctc	ctttcatact	aaaatagcaa	actgtggcct	540
cgatctcctc	ttcccagatg	ctacttatag	atgactttgc	ataataactt	aattagaatt	600
acttttctgg	taacagtgtc	acggccataa	ataatcagtt	tttaaaaaac	aaacatcaag	660
ggcaaatcta	gaaaacttcc	tttaaaggaa	ttacccaaac	ccagcacaca	tg	712

<210> 4671

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4671

gtncctnta	aaaccttttt	tanaatctnc	ttgttctttt	tgcaggatcc	catcgattcg	60
ttcatatttg	aagaattaga	aatgaagtcc	gttcagattc	tccaaagaac	ctccagccac	120
tggtggggga	cattcttaat	tcacattcct	atcagttggt	atctcctgtc	cctgaagaca	180
ctgatgaggc	ttgggaggag	aatcccacct	ttccctgcag	ggggttaggc	tgggcagggc	240
agggagggtga	gggcgtggt	ccagaacact	ggcaagggt	gggaacctaa	cttcttctgt	300
gcttctgatt	tgcccttgca	ggtgtttttc	caggtctgac	cacctggccc	tgcacatgaa	360
gaggcacctc	tgaggagca	gagaggtgga	tcctgtaggc	taaaaggctt	ccaggctgag	420
agcccggccc	gtggaaggag	ggatgcatgc	tttattaagg	ctcttggttc	acctggcagt	480
gtactgtatc	aacgtataat	acagaaaaaa	aatctcttta	aggctcctct	tcacaaagac	540
atagagtga	actcccttta	catgtcagta	tttgttcaac	actttaggca	acttgactgt	600
cagtgttaaa	atggaaaaca	ggaaaatgga	aaaatctgac	caattctgcc	ccttgagact	660
ttcatataga	ccttgacaaa	caattgtata	gatcacacac	cggcttgat	ttaatatgta	720
acattttcnc	acatnttaa	gatccagaag	ttttaaaaaa	cccccaatgt	taatgtattt	780
gc						782

<210> 4672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4672

gagcctntga	ancctatnta	caatctactt	gctctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gaaaaaacct	cctgggactg	ttgcaaggat	gaaatgaagg	attgagggat	120
tgagggattg	ctgagctgga	gctccagggt	tcctatcttt	ctcagtgggg	tggcacggag	180

cggggcccgc	tccctcttct	ctccaggcag	gtggggctgt	ggttatgcca	tagggctctcc	240
cttccctcca	gcccattgcca	gaggagcttg	taactcttta	tcctcatggg	gcccactacg	300
agtcatactc	ttccccatgc	tgctcattct	cctggggcccc	atccactcag	ccaaagcaga	360
atgcagggtt	tcctgacctga	caacccttct	cacctcccaa	gtcccacttt	tgaacaagct	420
gatgattctg	aaactggccc	aatttcctaa	caagccggat	gcttgagaaa	cctacatttg	480
gacaatgaga	ggctgctcct	gcngcctgcg	ggccacctcc	tcttccttgg	ctcctgcttt	540
cttttttagac	tatatcaacc	tacaacttta	ctcgggaaga	gggacagggg	tggacctgag	600
tttcgtctcc	tgtctctctg	gctgatgtca	cctgggaataa	agccttcttn	cctggccaaa	660
naaaaaanacc	nnnnnnanaa	ntacttcna	gcctctanaa	ctatagttag	tcgtattacg	720
tnnaanccaa	cttgaataag	anacattgat	gaattttgga	ncaanccnca	actntgaatg	780
ct						782

<210> 4673

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4673

gnttnaganc	aggctctgtt	ctttttgcag	gatccatcga	ttcggtttcg	gcantctgggg	60
tnngnactgt	tgataggang	atgtnttaag	gaaatgctaa	aattggggcac	cctgccccca	120
acttcaaagc	cncagctgtt	atgccanatt	gtcanntnaa	agatatnacc	ctgtctgact	180
acaaaggaaa	atntgttgng	nncttctttt	accctcttga	cttnaccttt	gtgtgccccca	240
cggagatcat	tgntntcagt	gatagggcng	aanaatntaa	naaactcaac	tgccaagnga	300
tnngagcttc	tgtggattct	cacttggtgc	atctagcatg	ggtcantaca	cctaagaagc	360
aaggaggact	gggacccatg	aacattcctt	tggtntcaga	cccgaagcgc	accattgctc	420
angattatgg	ggctctaaag	gctgatgaag	gcctctcggt	caggggcctt	tttatcattg	480
atgataaggg	tattcttcgg	cagatcactg	naaatgacct	ccctgttggc	cgctctgtgg	540
atganacttt	gagactagtt	caggccttcc	aggcactgac	naacatgggg	aagtgtgccc	600
agctggctgg	aaacctggca	gtgatccatn	aagcctgatg	tccaaannag	caaagaatat	660
ttntccaagc	ngaagtnagc	gctgggctgg	tttantgcca	ggctgc		706

<210> 4674

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 4674

gtttaatcag	ctcttggtct	ttttgcagga	tccctcgatt	cgaattcggc	acgagtattg	60
gtttgtagaa	atgctactga	ttttgtacg	ttaatttttg	tatcctgaaa	ctntactaac	120
gtcatttatc	aggtcttttg	gagggattgt	tagggttttt	ttaggttttag	aatcatattg	180
tgagtgaaca	gagataattt	gacttcctct	ttttctattt	agatgccttt	tgtttctttt	240
tcttgcccga	ttgctctggg	taggaacttca	gtactatgtt	gaatagaggt	ggtagagagt	300
ggcatccttg	tcttggttct	aggggggatg	ctttcacctt	tgcccattca	gtatgatatt	360
ggctgtgggt	ttgtcataga	tggtctttat	tattttgaga	ggtatgttcc	ttcattgcct	420
agtttggtga	ggatttttat	catgaaggga	tattggactt	tatcaaagtc	ttttctacat	480
gtattgagat	gatcatatgg	tttttggttt	taattctggt	tatgtgctaa	aactattccc	540

caaaatcaaa	gagaaaggat	ttctccttaa	cacattctac	gaaaccagta	tcatcctgat	600
ccaaaatctg	gcaaggacac	caacancana	aaanaaaaaa	aaaaaactng	gccttttaaaa	660
actttngggg	ngccnnnttn	cgnaanatcc	nnnncttgat	nagatccntn		710

<210> 4675
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4675						
tttgaaanct	tttatacan	tacttgttct	ttttgcagga	tcccatcgat	togaattcgg	60
cacgaggtgg	ggacgagccc	tccccatcct	gagtcacacag	ggagatccac	agctcacgga	120
gcctggccgc	ggacccctcc	cacccttgcc	ttgccggccc	ctgcacattt	aggatatgct	180
cctgggtggg	gactgggctg	tgcccagggc	ctctgtcccc	caggatgtct	tggtgtgcgg	240
gtcgcccggt	ctgcccccca	gggcaccccc	tggtgtaggc	actggctagg	gaggggcagg	300
cctccttct	gccccctcgag	acactcttgg	gagatgcatt	ttccgtctgg	ctcacagggg	360
gaggggtgag	ctttgcaccc	cacccttgnc	cangccactg	tgatggtggg	tgctgctgaa	420
cccccggggc	agcaggagcc	aggcangtga	tgtctttgtc	tcggctccca	cagnagaacc	480
aggtgagggg	gcgcctgcca	aggccanaac	catgtggggc	aaactgaacc	ctgttccnct	540
gtggcggcct	gccccgatct	tttacacact	ggtgaccctn	anaaaagatg	taagatgnaa	600
cctggccggg	gtttnttnan	ccgcactttt	aanttgncn	tncaaaccct	tggttggaac	660
ttgggtctgt	ttacctaana	aagtcccaca	aggtgcctta	ttntntnggg	ttnttttnna	720
naancncnt	tnnnnngnna	nnnttttttn	natttnnnnn	aaaanatnnn	aaannngnnt	780
tt						782

<210> 4676
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4676						
gttnnnnntt	tgaatccctt	ngctctngnc	tttttgcagg	atcccatcga	ttcgactaa	60
aaatagggtt	gttggtttaag	aagacacctt	ctgagtatct	tcataggaga	ctgcgtcaag	120
caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtggg	ctgcatttaa	180
atttgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattegc	ctttgtcttg	240
tacttctgtg	ttcatTTTTT	TTTTTTTTTg	gctagagttt	ccactatccc	aataaagaat	300
tacagtacac	atccccagaa	tccataaatg	tgttcctggc	ccactctgta	atagttcagt	360
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
catttctata	ctttacagga	aaaaaaattc	tgntgttcca	ttttatgcag	aagcatattt	480
tgctgggttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	540
cagcattgnc	tttgctggac	tcttgctgat	ggctgctaga	ttttaattta	tttggttccc	600
tacttgataa	tattaaggga	ttctggattt	cagggtttca	tttggtttgc	ttttggtttt	660
ttctcatgt	aaccattggg	ggaanggatn	caaggaattt	gacacaaang	gnnggaataa	720
aacattaatt	ttgngcccn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnna	aacctcgnc	ctntntaa				808

<210> 4677
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 4677

gntctcatnn	tgnnaggctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggtgcgac	gaaggagtag	gtggtgggat	ctcaccgtgg	gtccgattag	ccttttctct	120
gccttgcttg	cttgagcttc	agcggaattc	gaaatggctg	gcggtaaggc	tggaaaggac	180
tccggaaagg	ccaagacaaa	ggcggtttcc	cgctcgcaga	gagccggctt	gcagttccca	240
gtgggccgta	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtgggcgcg	300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	360
gcaggaaatg	catcaaaaaga	cttaaaggta	aagcgtatta	cccctcgtca	cttgcaactt	420
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tgggtggggn	480
gtcattccac	acatccacaa	atctctgatt	gggaagaaag	gacaacagaa	gactgtctaa	540
aggatgcctg	gattcccttg	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat	660
ttgacaagtt	tggaaagttaa	ttagctttcc	accaaccaa	tttctgct		708

<210> 4678
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4678

gttnnnnntt	tgaatccctt	ngctctngnc	tttttgcagg	atcccatcga	ttcgcactaa	60
aaataggttt	gttgtttaag	aagacacctt	ctgagtattc	tcataggaga	ctgcgtcaag	120
caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtgga	ctgcatttaa	180
atttgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattcgc	ctttgtcttg	240
tacttctgtg	ttcatttttt	tttttttttg	gctagagttt	ccactatccc	aataaagaat	300
tacagtacac	atccccagaa	tcataaatg	tgttcctggc	ccactctgta	atagttcagt	360
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
catttctata	ctttacagga	aaaaaaattc	tgntgttcca	ttttatgcag	aagcatattt	480
tgctggtttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	540
cagcattgnc	tttgetggac	tcttgctgat	ggctgctaga	ttttaattta	tttggttccc	600
tacttgataa	tattaaggga	ttctggattt	caggttttca	tttggtttgc	ttttggtttt	660
ttcctcatgt	aaccattggg	ggaanggatn	caaggaattt	gacacaaang	gnnggaataa	720
aacattaatt	ttnggcccn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnna	aacctcggnc	ctntntaaa				808

<210> 4679
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4679

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacagggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancgcgttc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaaag	aatataaagt	480
taaaaaaaaa	cctccgggtt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggg	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	atthttgtgga	gttggacttc	gggggtnaaa	aacccatgtt	660
tgthttttna	caagnaanca	agaaggggtt	ggtactttatt	tggntttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaaact	ttttttgnng	gaggttcggg	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnncan	tttggattgn	840
aaatthtttg	gnaccnaaan	ccncccaac	ctthtgggaaa			880

<210> 4680
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4680

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacagggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancgcgttc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaaag	aatataaagt	480
taaaaaaaaa	cctccgggtt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggg	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	atthttgtgga	gttggacttc	gggggtnaaa	aacccatgtt	660
tgthttttna	caagnaanca	agaaggggtt	ggtactttatt	tggntttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaaact	ttttttgnng	gaggttcggg	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnncan	tttggattgn	840
aaatthtttg	gnaccnaaan	ccncccaac	ctthtgggaaa			880

<210> 4681
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)

<223> n = A,T,C or G

<400> 4681

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacagggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgccctg	gccgcagata	180
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
cacccaaca	ccncaagac	agcagtcttn	ttaccgctg	cancggttcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaaa	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	attttgtgga	gttggacttc	gggggtnaaa	aacctatgtt	660
tgtttttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggntttaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnan	tttggattgn	840
aaatttttgg	gnaccnaaan	ccncccaac	ctttgggaaa			880

<210> 4682

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1690)

<223> n = A,T,C or G

<400> 4682

ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnmann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnannn	ngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnecna	ttttttggga	aaccgggttt	300
tggggccaaa	acgngettg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgcnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagnngngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncanacnan	ancnangaag	atntntneca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncacgnann	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnnacccgcn	nnnanccttn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncnccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganancctanc	anncacgnga	tnncaactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agcngcacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccttnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560

nntataactaa	cnnananana	gnnnnaacaa	cagaaanaaa	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnngagt	cngcngannn	tccnnnnctn	atcnnncagaa	1680
ntnctntnnc						1690

<210> 4683
 <211> 933
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(933)
 <223> n = A,T,C or G

<400> 4683						
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cgntecatgt	tctccantgg	accatccagc	ctttttccna	gccaggaaaag	cccggntnga	120
gcanntgata	tccangaatg	ngngaggctg	ncgnngcaag	gancacctna	ggtcnggana	180
tctnananac	tcntggcnnc	atnntgaaac	cctntngnna	ctatgnannn	tcncaaata	240
gctnngnnnn	ctggngnacg	cntgnagtgc	cagcnccang	gaggntgatg	cagctgaacc	300
cctgancgcc	ggnatgggtca	agattgcnnt	gacgntnana	tcnaaccatt	ggnaactccat	360
cctggggcan	gangaacnan	ancnttgact	cacggtaatg	taatcnnnag	gtggntggat	420
aaacttgagg	ataaaggntt	cgannatcaa	nactggaggc	aactttnnnc	ggntaacctt	480
atntantanc	tanaatatat	ntggaaatcn	nnnacanggc	aatnggctan	ancncnannc	540
ccttggtaan	acaccntan	ttccntaggg	gcacgcgtnn	acggcangnn	tnantcnnnc	600
taanaaaccc	ancgtanggt	gntaagggnt	taccanntan	tcncgaanaa	tcnacgccca	660
cctngnatatt	tcctnnggcn	cttggggcaa	ncaaaaatgn	ntgaaaaaacn	tcttgngagn	720
tccaatanan	cccacnanat	ttcnaaacta	tntaagcacg	cnntaanntt	ggnaaaaaacn	780
ccnaattngg	naatcantat	tangganggg	ggacatccat	ttttaaacn	ttnganaatn	840
nncccnaaaa	cnnatgctnt	tctannngga	agnnccaatn	nggcataacn	aaannntttt	900
gnngnnannc	ananatccnn	tctctnnntc	nnc			933

<210> 4684
 <211> 1383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1383)
 <223> n = A,T,C or G

<400> 4684						
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nnccnannan	cnnanangnn	ncncaannnc	aancncncna	anacnanncn	nananncnnc	120
anancnnaca	nnnannanna	nnannncnnn	cntcnanaaa	cacngacnnn	nnnnnnnnang	180
nnnnaangna	ggggnnncnn	nnnnnnccnn	ngagganncn	nnnggggnagg	annnggcccc	240
gttttttctt	gaaaanagnc	cttgggggna	acagggcnan	acantcanca	aggagagana	300
ggcnannana	gggccttttn	naacangcca	nnccacanan	gaacnncnnn	aattcnggaa	360
aatangcgca	cnaaccaggc	anacnactcc	ngcgcacgat	cnccaaaancn	ntgggggaanc	420
acatcnnncn	caacnanent	nnncccnana	agcctnangn	ccacnacnaa	cccccncaa	480
ncganaacac	anccctana	accnaacnca	aanacanacc	caacnannang	acaacngnnc	540
anncnagcac	cancnatncn	nnnccggacc	antnncngca	naccaaagna	caccagcnan	600
ancgnnancc	caaacacaca	gataaacnnc	nanagnntcc	atngcataan	cggaannngnc	660
accatnctnc	naancaaann	nncccntnna	nccananaanc	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780

acnacacagc	ccgcgcctaaa	cccttaaccc	tncaanacca	ttancnagac	ctaacncnaa	840
cannncgnac	ggncaccann	nncacnccna	tagaccnag	nncnncanac	cggagnaanaa	900
cnntcnggnn	tananaanaac	aancaccaac	nataangcaa	cngcnagna	cccnaccaca	960
tnnccnctc	anannnaccc	nnacacgcga	ancaccgagc	aacannctgg	gcnaatacnc	1020
tgcacaccnn	ccgccatagc	gacaaanacn	ttcgcanngn	nnnaaancan	nncgagcanc	1080
cccgnccnn	naacacaaat	ngcnaanncc	agagcaacca	cacancagga	tcaacaacac	1140
atanngggna	ncngcnanag	agggcaaan	gncacaaaac	cnaaaacata	ctctnnaaac	1200
acacaaaggc	cncgcgacaaa	anntnnacn	nncananaacn	catcgagacac	caccannaan	1260
aaccnnnggg	acgcgcnccca	ntnnttccan	ananagnann	naccncccca	ttacgagcga	1320
taancctcaa	aaaacnngga	acantacccc	gaacggcccc	actcantntn	ngnggatcaa	1380
cgc						1383

<210> 4685

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 4685

ctaatacnaa	ncnnngcntn	tcgnnctnnc	cgaaanaaan	aggctnnngc	gtggtgggaa	60
gcgtgcggtg	ccgcagcaat	ggcggcgctc	acaattgcc	cgggtactgg	caattggttt	120
tcggcttttg	cgctcggggg	gactcttctc	aaatgccttc	tcacccccac	ataccattcc	180
acagattttg	aagtacaccg	aaactggctt	gctatcactc	acagtttgcc	aatatcacag	240
tggattatg	aggcaacttc	agagtggacg	ttggattacc	cccccttctt	tgcattggttt	300
gagtatatcc	tgtcacatgt	tgccaaatat	tttgatcaag	aaatgctgaa	tgtccataat	360
ttgaattact	ccagctcaag	gaccttactt	ttccagagat	tttcgctcat	ctttatggat	420
gtactctttg	tgtatgctgt	ccgtgagtg	tgtaaatgca	ttgatggaaa	aaaagtgggt	480
aaagaactta	cagaaaagcc	aaaattttatt	ctgtcgggat	tacttctgtg	gaacttcggg	540
ttattaattg	tggaccatat	tcattttcag	tacaatggct	ttttatttgg	attaatgcta	600
ctctccattg	cacgattatt	tcagaaaagg	catatggaag	gagcatttcn	ctttgctgnt	660
ctctacatt	tcaagcatat	ctacctctat	gtaagcacca	gcttatggng	tatatctgct	720
gcgatccctac	tggttcactg	caagtaaacc	agccttttgt	ctgtgggaaa	aat	773

<210> 4686

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4686

gntntttnta	agcgannngc	tacttgctct	ttgcgcgagn	ccntatnttc	naattcggca	60
cgaggnngtc	tcctgagcca	gagtgtgctc	agacagcagt	ccagctgggtg	gaaagggact	120
tatggagaga	aaaagaaaag	cgatgtagaa	aaattgaaaa	gaggtacaga	nacagctgga	180
ttggttacag	ctcgggtgtt	gccttatatt	gaacaggggt	tgaacagttg	gccacctttg	240
gttgctcaaa	acttggtgat	tggcacanga	gtangttaca	gtctgtttgc	acatccnttt	300
aggttgcngt	tcactgtgta	cagagaaaacc	tttaggctga	acttaaaacg	ngtnaggaga	360
cagctttctg	cttgatttaa	cagtatcacg	ggtgtgtgtt	gngaggtang	gaggtggggg	420
cncttnantn	cngtctncta	ngnntgtgtc	aacntctggt	gcagtatctg	tgcnnnttgn	480

atctnctgga	ancnctnate	taacngactt	ggntaccang	ntnnencttt	actnantggg	540
tnnangggcc	acccttnntc	ttattnnngn	tggcānaanc	nttccenttn	ggtnnctngg	600
naaaactnttt	atgtggctct	ttgntgnnan	aaganntggc	ttttttnggt	ntgnttaang	660
gttnncnttt	tgnnaaantt	gctcttttgt	nnntntgttn	actaaacccc	ttttttntaa	720
cccttttana	nnngntnaaa	acnnttttaa	tcnttcenat	gnnnnnaann	nttntngggg	780
cnct						784

<210> 4687

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 4687

ggtatagatc	attctacttg	ttcnttctnt	atgcaggatc	ccatcgattn	gaattcggca	60
cgagacccac	ttaggtggcn	ccaatgnnga	cntncagann	gnacagtncn	ttnatnnatg	120
gggnngtgan	ngcntntata	tcataaatct	caagaggnc	tgaganantc	ttntgctggc	180
anntcntgca	nttgtngcc	ttnaaaaccc	tgctgatncn	agtgtnatnt	cctacgggaa	240
tactggccag	aagggtctgt	ctnaagtacg	ctgctgccac	tnagccact	ncaattgctg	300
gccncttnan	tcttgggaac	tttactaacc	atatccagg	ancntttcgn	gagccanggc	360
ttntgnggt	tactgaccn	atggntnanc	accagcntct	nactgangca	tcttatnnta	420
acctncctac	cattgctctg	tntaacacag	attctcctct	gngctatgtg	nacatngtca	480
tatccatgca	acagcancgg	gagctnactc	agtgggtaan	gatgtggngg	atgctnnctc	540
ggcaagttct	tcncatgccg	tggcancatt	ttccatgaan	acccttggga	gggnaatgcc	600
tgatcttnna	cttnnacana	aaatcnttga	ngnaaaattg	cnaaatntan	taaaccngnn	660
tntcttgntt	gngaaangcn	natgaacnca	ttggaangga	attttcangg	mnttaantgg	720
ggntttntnt	anccctcenn	nnanannnnn	g			751

<210> 4688

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1383)

<223> n = A,T,C or G

<400> 4688

ccnnnnnnnn	nnncnaccn	anccccnnnn	nnacnanc	nanacngcna	anaannanct	60
nnccnannan	cnnanangnn	ncncaannnc	aancncnna	anacnanncn	nananncnnc	120
anancnnaca	nnnannanna	nnannncenn	cntcnanaaa	cacngacnnn	nnnnnnnnang	180
nnnnaangna	ggggnnncnn	nnnnnnccnn	ngagganncn	nnngggnggg	annnggcccc	240
gttttttctt	gaaaanagnc	cttgggggna	acagggcnan	acantcanca	aggagagana	300
ggcnannana	gggccttttn	naacangcca	nnccacanan	gaacnnnnnn	aattcnggaa	360
aatangcgca	cnaaccaggc	anacnactcc	ngcgcacgat	cnccaaancn	ntgggggaanc	420
acatcnnchn	caacnancnt	nnccccnana	agcctnangn	ccacnacnaa	cccccncaa	480
ncganaaacac	ancccttana	accnaacnca	aanacanacc	cacncnnang	acaacngnnc	540
anncnagcac	cancnatncn	nnnccggacc	antnnncngca	naccaaagna	caccagcnan	600
ancgnnancc	caaacacaca	gataaacncn	nanagnntcc	atngcataan	cggaannngc	660
accatnctnc	naancaaann	nnccenttna	nccananaanc	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780

acnacacagc	ccgcgcctaaa	cccttaaccc	tncaanacca	ttancnagac	ctaacncnaa	840
canncnagnac	ggncaccann	nncaencena	tagaccnag	nnenncanac	cggagnaaaa	900
cnntcnggnn	tananaanaac	aancaccaac	nataangcaa	cngcnagna	cccnaccaca	960
tnncccnctc	anannnaccc	nnacacgcga	ancaccgagc	aacannctgg	gcnaatacnc	1020
tgcacaccnn	ccgccatagc	gacaaanacn	ttcgcanngn	nnnaaancan	nncgagcanc	1080
cccgnccctnn	naacacaaat	ngcnaanncc	agagcaacca	cacancagga	tcaacaacac	1140
atanngggna	ncngcnanag	agggcaaann	gncacaaaac	cnaaaacata	ctctnnaaac	1200
acacaaaggc	cncgcacaaa	anntnnacn	nncananacn	catcgagac	caccannaan	1260
aaccnnnggg	acgcgcacca	ntnnttccan	ananagnann	naccncacca	ttacgagcga	1320
taancctcaa	aaaacnngga	acantacccc	gaacggcccc	actcantntn	ngnggatcaa	1380
cgc						1383

<210> 4689

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 4689

ctngttcttt	tttcaggatc	ccatcgattc	gaattcggca	cgaggatcag	atggtttaac	60
tnttgnngga	gnngcgagaa	anctntgatg	atngangaca	nntttttaag	aaagcaagaa	120
anaaagatac	tatgggggtca	agtgttaactc	catggaaatg	ccacgtntgc	tcttcagtga	180
anaagctggg	tnanagtnnc	acngaaaact	tttgactgta	tntatttatt	gntgcaaaaa	240
agacgctttt	atattgcngc	cctcatttgt	cacctaaag	tnncttctta	taaaatccag	300
ccccggatnc	atataancat	ctgtanctna	tcattgattcc	tgntgnaaaa	gtcancnacg	360
acctntagan	gncttttctt	nctatgaaag	gagctgctat	gncacatgtg	cacacnccgc	420
acaactgggn	atnaacaatg	agttttattgn	nontgggtgga	ccaaaattaa	gcttgcntaa	480
gggttgngct	aantggacct	ggactacaga	ctctgacgcc	ttgaatataa	cagtacaatt	540
tggcnatctt	tctgaancag	gctaaactga	gtaaaatctn	tttgaaggng	tcttnggtgt	600
gaacatttgc	cnnngaagcta	attagnngct	ntnngnatctt	naaattcaac	ctntggngtg	660
gaatatgaaa	ccnanntnaa	acggagataa	ctttttctcc	ccncanaaan	tnaacnttgn	720
gntccntaaa	ccnttttagg	ggatncnaaa	nenttnnnnc	cnc		763

<210> 4690

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4690

gnnnnnnnntt	tgananccat	cnnttttaaat	ncatttttgct	actngttctt	tttgcaggat	60
cccatcgatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tggttatatgg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaatgttn	tgcacaaaaa	tacattgact	atttgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtccatt	420
tcccaaaaaac	tttatgtctg	tggcaaaagac	tattctaaag	cgtctgttca	gggtttatgc	480

ccatatttat	caccagcaact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt	660
tntanaacac	agttaccccc	ttgcttcac	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggaacaaac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

<210> 4691
 <211> 1197
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (1197)
 <223> n = A,T,C or G

<400> 4691						
aggggtttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cnccttaaaa	60
naanttaagg	cccncctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	nnnacacnt	aantntatta	cncatagata	ctcaattnc	ntctctagna	180
natnnnngga	tctttntcgg	ctntnnancc	ntcctacta	ttactnctna	aacgtncnn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnct	tantctcata	360
tctnnacgac	nnactatttt	tnctccnntt	cctnctntcn	cnntnttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatactcta	tctattantt	aactatctnc	tnnttcnnnc	480
nnntnnnnct	atnnnncttc	tananaactcn	tcnctnnnc	tnntnnnnnn	taantcnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnntcnct	ntnattanna	600
nattntntaca	ntntctcct	ncanctnnnn	nattntatan	tctntntncc	nnntcantnt	660
anatntnttn	ntancnntc	ntaattcaa	nattnatntc	atntcnntnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaanttna	tcncatacna	cncnnnctn	tanccnnata	780
tnactnctnc	anttcnntnt	natctctntt	tnacacactc	cnnggantat	actnntnaca	840
cttcttatat	mntntacntg	tnatacactc	tnnactnana	tatnnatcan	actnatanaa	900
agcatactat	catcttacct	ncntntnatat	accatncacc	aatcacttan	tnatntcatc	960
tcannacanc	tecacatatn	actcatcnct	aatatgtctc	tataatnntn	catctactca	1020
ntcaccnnna	ctctntagat	atatnctata	ctncancnta	tatntatcna	ttcatctaca	1080
nantancnctn	catctnttgn	ncatatacnat	aattgtntct	catatntntt	tctctacana	1140
nctttatctc	gatntttatc	ntgtanncn	mntntatcta	nataatnacat	atcacat	1197

<210> 4692
 <211> 1050
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (1050)
 <223> n = A,T,C or G

<400> 4692						
mntnancccc	nacngctttn	cntntccaat	nncctaaac	anaaaggggc	tggggcnag	60
cnnagaacac	atacaganan	anacancaa	gngnctaggt	ttttcacctt	tttnacacnn	120
aaancancac	gnnccgagtn	ncgcagaacc	ngcgcnncna	gcnncnngan	ncgcnnangn	180
nccnccgangg	ctagagcccn	nnnngnnaga	ggcancaacn	aaccatcacc	anngccaann	240
cncatnctnan	tcngananga	ganagcaaca	ccctgnatnc	naacaagaac	ccanaantan	300
aanccannaa	gtnanaaann	aganccatca	nncgaanacc	catntnaccn	ccccanagnn	360

cnnnnanctn	anagnccagn	accnnacnnc	caancccnnn	cgacnaaaacn	accnctaca	420
nnegaatnecg	naanntccan	gaccanctca	nnctntctcn	annngcnctc	nnncanntnn	480
accnnaant	gccanncnan	tcccananc	nnctntcca	aacntnanc	ccacnccata	540
gccanccaag	aaccnncaaa	cnnctnecgnc	anntcgatnc	ncatcnccac	cncctgcgnat	600
acgnntnanc	acntcaccaa	ncacgccaaa	accnnannnn	nncanaccga	cnggacancc	660
tcnctacgcc	nangnaatcn	nccnccact	cactcacctn	nnctacntac	atnagtnaaa	720
nanccctcat	ctagaccaga	acnncacta	tctacnactn	annctnnana	gacacagnca	780
caatcntnan	actnacacga	tcncanacac	cccaactccc	ncagcaaang	ctnncnatca	840
ncnactcatn	cnactctnta	ctaaacgctn	nnntcacagn	gcgnaccana	annngcnata	900
nacatncacn	naaanacgna	ccnncgatnt	ctncactann	acncaagtnt	cnnntcnntn	960
nnactcaan	cacnctanga	nnnnatgcgg	tactcgnaga	aatctcngcc	catagncnca	1020
cacannancc	ccctacgcac	anntccnccc				1050

<210> 4693

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4693

caaacngctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagggc	60
taagtattct	aggatctaca	gttatgggtca	ttcatgctcc	aaaggaagag	gagattgaga	120
ctttaaatga	aatgtctcac	aagctagggtg	atccagggttt	tgtgggtcttt	gcaacccttg	180
tggtcattgt	ggccttgata	ttaatcttcg	tggtgggtcc	tcgccatgga	cagacaaaaca	240
ttcttgtgta	cataacaatc	tgtctgttaa	tcggcgcggt	ttcagtctcc	tgtgtgaagg	300
gcctgggcat	tgctatcaag	gagctgtttg	caggggaagcc	tgtgctgcgg	catcccttg	360
cttggattct	gctgctgagc	ctcatcgctc	gtgtgagcac	acagattaat	tacctaaata	420
gggccttgga	tatattcaac	acttccattg	tgactccaat	atattatgta	ttctttacaa	480
catcagtttt	aacttgttca	gctattcttt	ttaaggagtg	gcaagatatg	cctgttgacg	540
atgtcattgg	tactttgagt	ggcttcttta	caatcattgt	ggggatattc	ttgttgcatg	600
cctttaaaga	cgtcagcttt	agtctagcaa	gtctgcctgt	gtcttttcga	aaagacgaga	660
aagcaatgaa	tggcaatctc	tctaatatgt	atgaagttct	taataataat	gaagaaagct	720
taacctgtgg	aatcgaacaa	cacactgggtg	aaaatgtctc	cgaagaaatg	gaaatt	776

<210> 4694

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4694

ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
acattttcct	gttttcttcc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	120
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	180
aatttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	240
tataaaggaa	ggaggtttta	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaagtc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aaatgagggg	gangccctt	ataaaaccat	cagatcttgt	gagaacttac	420

tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	480
cccaccatac	atggagatta	taggaactac	aattttacgat	gagatttggg	tgggaacaca	540
gccaaacat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgacaggaaa	aaatgttttt	ttgtgaaa		768

<210> 4695

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4695

ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
acattttcct	gtttttcttc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	120
tccaaagtca	cttccacatt	tccgggtatc	cttatagcag	cacccactc	taccagtacc	180
aattttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaa	240
tataaaggaa	ggagggttaa	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaatgc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aaatgagggg	gangcccctt	ataaaaccat	cagatcttgt	gagaacttac	420
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	480
cccaccatac	atggagatta	taggaactac	aattttacgat	gagatttggg	tgggaacaca	540
gccaaacat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgacaggaaa	aaatgttttt	ttgtgaaa		768

<210> 4696

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4696

ntantaaatc	ccttgcctct	gttctttntg	caggatccca	tcgattcgaa	tnccggcacga	60
ggacccggcg	gcgcggacag	gcttgcctgt	tcctcctcct	nngactcacc	attnccaganc	120
agaanntgaa	aaaatggngg	anctcaccac	ggtaanggat	gatgaagtnt	tnatggctnn	180
tgcatactat	gcannanttn	tncttntgna	aatgatgcnt	atgagtactg	taanngnntt	240
ctatncattg	ncaagaangg	ntnttgncaa	tncatangac	tgtgtagcat	tcggcanagg	300
agaaaatgnc	aagaactatc	ttcgaacaga	tgacanagtg	taacgggtac	gcagagncca	360
cctgaatgac	cttgaaaata	tnattccatt	ncttignaatt	ggcatnctgt	attccttgag	420
tggtcccgcg	ccctctacag	cnntcctgta	ctttagacta	tnctgtcggag	cncggntcta	480
ccacaccatg	tgcatatttg	acaccccttt	cnntatccaaa	tatagctatg	actttttttt	540
gtaggatatg	gannactctt	tccatggctt	acacgntgcn	gtaaagtata	ttggccctgt	600
gcagaaaaac	attccactca	gtnttccaan	tggtctntta	aggaattctn	gaccttgcaa	660
tnatantgg	agnnctttcc	ttaagattta	aagggtttgan	ggngagccnn	aggaattntn	720
aaccnngggg	aaaccctttt	tgggaatttt	agcnnntgnca	anaa		764

<210> 4697
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 4697

ttaantaann	ctntntcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gcggggcggc	gcagcccgag	ctcccggacc	cggaagaagc	gccatctccc	gcctccacca	120
tggagcccac	cgcaccgtcc	ctcaccgagg	aggacctcac	tgaagtgaag	aaggacgtga	180
gtaacgcagc	tgtgcccagg	gcgggctgca	gcccagcgag	agacgaaagc		240
ggaagcctgg	agtccgagga	caaggaggat	cctccagggtc	ggaggagcgg	aaagtcctag	300
cacaggagga	ctgtggcgag	ccctgcatcc	gagggacctt	ggtggcagtg	atcctccagt	360
gatctgtcaa	tccagggtttt	acatcgctaa	acgcagagct	tgggctttgt	tgccaagtgg	420
tgttttgatt	cttgcccact	cctcacccat	ctcctcatgc	tttcccccca	actgggttct	480
tggagatgct	tcgttaggga	ctggcggtc	agattcatcc	ttaagtcagg	ctgcctaggc	540
tgctcaactca	gcctagagcg	aagctgtacc	aggtgaagga	tcccagcag	tggacaaaaa	600
atgtgaaact	cttttgcata	anggggcttg	aggaagctca	acagctgaaa	gcacaacctg	660
gaattcccct	agtnagcaga	cgcccacata	tttaaattgg	ggttggggga	atgaatacnc	720
gtactgagaa	taatgtncag	gtaa				744

<210> 4698
 <211> 1224
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1224)
 <223> n = A,T,C or G

<400> 4698

gggttanccc	tttгнаactt	tgctaaatng	cttggcaact	cgaactcnct	gcanggtnc	60
atcgtttoga	atnccgcneg	agacgacacg	cttctgcagg	tgaanggcac	gcggcgccca	120
cggtncttn	nagctgnngc	gtatgaagct	ggatggngc	nntgnngana	angtagngct	180
tgatntgcta	ataagaaatt	tcttgaaaaa	gagactagct	ctcaacgcac	ccnccgngc	240
ggncggcttc	cnngcncn	gacaannanc	tcgncaggng	ccngnatncg	gancantnct	300
cncanaacaa	ggcgctggc	gccaagaata	gacaangngc	ggcatggcca	acnaanacgg	360
tggcctnecn	ctggcaanga	angtgaagaa	ggcngtcann	ncnaagnnta	nccaaantgn	420
cctatgnccn	naatgttgag	ctctntnaaa	attcnntanc	ttnttnnnan	tgnnnaanta	480
ncncacanca	ggttttcatt	nnacncanta	ntanntnctt	nnanganect	nnncattagn	540
ccatntntent	tacattnaat	tccaatncng	tnntggnttg	nnccgccact	tgcnttctnt	600
annectgcnn	ncttcnncn	cgncantnnn	ngactgtnat	cnttngtnnc	tactcttnnt	660
gcattncntn	cntatcaacc	ccaattgccc	nntnnaatta	ancgcanttc	tcctcatteg	720
ncatnncttc	nctantattt	actcgnntct	acnanttnac	ccaccgtntt	tannngctnt	780
ntntntntaaa	cccnctctn	antccnaca	tacgcnatnt	tttacacacc	tncttncttc	840
nctcnggcta	tanngacccc	ntacattatc	tcattctanc	tctnatacnt	gtcnccttat	900
cngngntatn	ctnttctatc	gcgncnnatc	nnacggcctc	acatnttnng	netcacnct	960
nnatnnantc	tacacacttc	tcnntcatan	tgtctcaaaa	actngnanct	actcttnact	1020
tnnaganaat	tntatctnnc	catactcatc	tnttcatagc	gaatctntnt	acntctggta	1080
tcncnctct	gtagntngg	acattctctc	tngtctcttt	nnentatnaa	ccgntatgtg	1140
nggtntattn	tcncaatncn	ctntntccan	ntttatcatt	nggtttcccc	ctntngcenn	1200

atantgggng acacantngn tnnt

1224

<210> 4699

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (803)

<223> n = A,T,C or G

<400> 4699

gnnnnnnnnn	nttttgcana	ccgctggcta	ctngttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggcaacc	ttcgctcct	gggttcaagt	gattctcctc	cctcagcatc	120
ccaagtagct	gggactacag	gcacgtgcca	ccacacccag	ctaatttttg	catttttagt	180
agaggcaggg	tttcatcatg	ttggccaggc	tggtctcaaa	ctcctgatct	caagtaatct	240
gcccactttg	gcctcccaaa	gtgctggcat	tacaggaatg	gagccaccgc	gcccagcctg	300
atttcttttt	ttaggtcttg	tcaggaaaga	tattgattct	tttgattcgt	gaacatgggt	360
tttggtcgtc	tttaatttgt	ctcatcagtg	cctccatgtg	tttttgatgc	ctttgaactg	420
gtatttttaa	aattttcaatt	tctaattgtt	cattatagaa	acacaattgg	gttttatata	480
ttggcattgt	attttgcaac	tttcctaaac	tcactagtaa	ttctagtagc	tttttttggt	540
agattcttaa	ggattttctg	tgtaaatagt	catgtcattt	gtgaataaag	ccattttttt	600
ttccttttca	aattttgtgc	cttttatttc	ttattcttac	catatcacat	tggcaaagac	660
ctncagtatg	atattgaata	aaagtgggtg	gagaaaaaca	nannttatnn	tnnnnnnnnt	720
cnnnnnnnnn	ncnntnnnct	ncnancctc	cnncnnnnn	nnnnnnntcct	tacnnnnnnn	780
nnnccccctt	ttaaanttnn	nnn				803

<210> 4700

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4700

ggngnnnnnn	ntttgaaatc	tntatacanc	tacttgttct	ttttgcagga	tcccacgat	60
tcgaattcgg	cacgagggtc	gtcgtggcaa	cgttgctggg	gacagcaaaa	atgaccacc	120
aatggaagca	gctggcttca	ctgctcaggt	gattatcctg	aaccatccag	gcaaataaag	180
cgccggctat	gcccctgtat	tggattgcca	cacggctcac	attgcatgca	agtttgctga	240
gctgaaggaa	aagattgatc	gccgttctgg	taaaaggctg	gaagatggcc	ctaaattctt	300
gaagtctggg	gatgctgcca	ttgttgatat	ggttcctggc	aagcccatgt	gtgttgagag	360
cttctcagac	tatccacctt	tgggtcgtct	tgctgttcgt	gatatgagac	anacagttgc	420
gggtgggtgtc	atcaaagcag	tggacaagaa	ggctgctgga	gctggcaagg	tcaccaagtc	480
tgccagaaaa	gctcagaagg	ctaaatgaat	attatcccta	atacctgcca	ccccactctt	540
aatcagtggt	ggaagaacgg	tctcagaact	gtttgtttca	attggccatt	taagtttagt	600
agtaaaagac	tgggttaatga	taacaatgca	tcgtaaaacc	tttagaagga	aaggagaatg	660
ttttgtggac	cactttgggt	ttcttttttg	cgtgtggcag	tttaagttat	tagtttttaa	720
atcatncttt	ttaatggaac	aacttgacca	aaaatttgct	acagaatttt		770

<210> 4701

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 4701

ttnccatcagc	tcttggttctt	tttgcaggat	ccctcgattc	gaattcggca	cgagggagga	60
cgagggaggag	gacgacgaag	aggaggagga	ggaaaaggag	gtggaggagc	agcagcagca	120
gctgcagcag	ctaataatgtt	gtacttattc	tgtgctgggc	aaaattctgg	atatttttca	180
tgtactatth	aagcctcaca	aaaatcttat	gatataggaa	atgcttggtt	ccatttggca	240
catgaagaaa	ctgaanaaca	gagaaatgtg	aaacttgccg	agggtagtct	gtccagagtc	300
tgtatttttaa	ctactgctgn	gttgccctccc	attgcatagt	gacttcacgt	gtatagggtg	360
ttttatcatg	cgaggaaata	tttgagtata	aactgtatgt	ggtacaaatc	attttttcca	420
aatgggaata	cagtgtgttc	cctaaaatta	atgaatccaa	tataattcca	cctaanacaa	480
ttactgagtt	ttttctttgt	ggttgcagag	cctaactcat	cccatttccc	tccctgtcac	540
ttttcattht	taggatttgc	atcttcatat	ttagtgaatc	tttgatctaa	tagntctggc	600
tatttaatat	tagtttttaa	acatctttag	caccgtcttg	gtanctttat	tcctttcttt	660
ttacctagac	agtttctctt	aggacaaatt	ctttttgttc	cacttctctt	tgatctgcta	720
tccacccatc	tcaaattatc	aattttcttt	ctgcac			756

<210> 4702

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4702

ttnnaannnn	tcangctact	tggttctttt	gcaggatccc	atcgattcga	attcggcacg	60
aggtgtcaaa	tttcttgtca	ctcttgctca	aaagtgtcct	gcagctaagg	agtncttcaa	120
ggagaattcc	caccactgga	gctgggctgt	gcagtggcta	cagaagaaga	tgtcagaaca	180
ttactggaca	ccacagagta	atgtctctaa	tgaaacatca	actggaaaaa	ccttttcagcg	240
aaccatttca	gctcaggaca	cgtttagcgta	tgccacagct	ttggtgaatg	aaaaagagca	300
atcaggaagc	agtaatgggt	cggagagtag	tcctgccaat	gagaacggag	acaggcatct	360
acagcagggt	tcagaatctc	ccatgatgat	tggtgagttg	agaagtgacc	ttgatgatgt	420
tgatccctag	aggaacatgc	ccagcctgag	aggagtcaag	acacaatact	ggatgctcag	480
caccttcttg	gaatcagaat	ctcgaaccct	ttggaagagc	ctggagattg	gactgggaaa	540
gctgctgtga	cttgggcgga	tcgtgtatth	ctcaaggaaa	gcatttttaa	gccctagaag	600
gtttgggagc	tgtttggcag	tgggagaact	ccggcatgtg	gatcaactgt	cccgggagcc	660
tggtctatat	gtggattcac	atthctgtgg	agattttcng	aaatgaaccc	gtggcagact	720
tttttggttn	cacgaacntc	cagaatgagc	cttaaagctn			760

<210> 4703

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4703

gnnnnnnntt	tgananccat	cnntttaaat	ncatthttgt	actngttctt	tttgcaggat	60
cccatcgatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tggtatatgg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaattgtn	tgcacccaaa	tacattgact	atttgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtccatt	420
tcccaaaaac	tttatgtctg	tggcaaagac	tattctaaag	cgtctgttca	gggtttatgc	480
ccatatttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt	660
tnanaaacac	agttaccccc	ttgcttcac	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggacaacac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

<210> 4704

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4704

gttnaganca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagggct	60
attaaaaatg	taatcagtg	gaaaattcat	gccatctgaa	tcgtacngt	atgtaaggga	120
tttgagttcc	ttacagaatn	ttctgtaatt	tannacttca	agtgacttat	aaatgtatat	180
acttctctct	cacaaangtg	ttagggagaag	gaaaatctna	aatactngct	tgatttctta	240
atttaataac	ataanacaat	tctcataaca	tgtatcacct	aacatgtcac	tttcaacttta	300
aaagtctaaa	gagttgangt	ttatntcttt	tcttttaaag	ttgatgntta	tgttgggtgat	360
ttccnaaaag	atcagatccc	ccgntatgaa	ggatcttaac	cttgtctttt	agatctccat	420
gagaaatgca	gtacatgtag	cattagccat	attncttttt	tagaggccta	tgtaggatat	480
ttataacctg	taaaagtttg	atgacttcat	gctcaggaga	aagcaagtaa	ttacctagcc	540
aagccagggtg	ggtgttcagg	ttagtggtca	acagaaaagga	gatgttgaaa	gatttcatat	600
ctnaagggtg	aaaacacaag	agaagtatat	agagataaac	atgtaaagtn	taagactgta	660
ccatagtaag	ctaccttcga	agtggcaccc	ttgttattat	ttttctg		707

<210> 4705

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(845)

<223> n = A,T,C or G

<400> 4705

gngnngtnnn	nnnttttcna	acgttggttaa	catacagcta	cttggttcttt	ttgcaggatc	60
ccatcgattc	gaattcggca	cgagggnang	cngttctgcc	nangangcat	nctnccncng	120
anatgccacc	nnntgcntg	ntnaccnna	cgnnncacac	gnctacctgn	gggacatata	180
cttcatgcac	nggttatgnc	cntaccatga	annctactg	acancnnaac	nngancngnn	240
tggtgannac	atgaataacc	cactgnacna	agaacntant	ggaatgntan	ctnnntatgt	300

ccttnttccn	gnggaaggag	nggacaacnt	ttancaagtn	ncagntccaa	ancnaacnna	360
nccaantata	ntnaaantrna	gngetgcan	tttngtggac	nccttgcnan	atnnnnanng	420
ctctctnnna	ccgntngaaa	ttttncataa	caccatgatc	nccatgattc	tcattgntgn	480
aagacantca	ttenatntac	cagatnnatc	ttggngngnt	ntntncnngc	atnngnnnca	540
ctaaaaactg	ntntnctaac	taaataggat	ttntnttttn	ttatacnngg	aaaaaatgng	600
agttgtgcn	naactntcat	nngcgatant	tacannaant	tgtacttgnt	aaatctaaga	660
atctaategn	angacttaaa	aaanangccn	ttagaactat	aggagtcna	nttactgcta	720
tnccnecatg	nattgatnca	ttcacgactt	ngtccaaacc	anatntntaa	ttcctgaaan	780
taaatgntnt	ntttngnana	anntggaaaa	gcttcncaan	nttnntaanc	ctaaaaccng	840
gntnn						845

<210> 4706

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4706

gcaaccgntg	gctacttggt	ctttttgcag	gatecccatcg	attcgaattc	ggcacgaggc	60
aaccttcgcc	tectgggttc	aagtgattct	cctccctcag	catcccaagt	agctgggact	120
acaggcacgt	gccaccacac	ccagctaatt	tttgcathtt	tagtagaggc	agggtttcat	180
catgttgccc	aggctgggtc	caaactcctg	atctcaagta	atctgcccac	tttggcctcc	240
caaagtgctg	gcattacagg	aatggagcca	ccgcgcccag	cctgatttct	ttttttaggt	300
cttgctcagga	aagatattga	ttcttttgat	tctggaacat	ggtttttggt	cgtctttaat	360
ttgtctcacc	agtgcctcca	tgtgtttttg	atgcctttga	actgggtattt	ttaaaatttc	420
aattttcta	tgttcattat	agaaacacaa	ttgggtttta	tatattggca	ttgtattttg	480
caactttcct	aaactcacta	gtaattctag	tagctttttt	tggtagattc	ttaaggattt	540
tctgtgtaaa	tagtcatgtc	atgtgtgaat	aaagccattt	ttttttcctt	ttcaaatttt	600
gtgcctttta	tttcttattc	ttaccatata	acattggcaa	agacctccag	tatgatattg	660
aataaaagtg	gtgagagaaa	acananannna	nnnnnnnnnn	nntnnnnnnn	nnnnnnnnna	720
ntnnnnccnn	nnnaantnnn	nnnnccnnnat	ncnnnnccnn	cnentttggn	antnt	775

<210> 4707

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1102)

<223> n = A,T,C or G

<400> 4707

gggnttcccc	ctnnnaaccc	nttggaancc	cnctggngct	ncntgcagga	tcccagcnat	60
ngcactgagc	nntgnggccc	acggcngagc	cntttttcng	cgagacgngc	ccnnccanggc	120
nccggggngc	tctgtctggn	nagccnatgg	gnagcannna	ncncaancgg	cctnccnana	180
ccagagnnnc	anaacgnacc	nagnnngtgg	gcncncctta	ngtcnaggac	anaatananna	240
nnctantacag	ctgntngggc	ncgcannaan	ggnanannnn	caggcccncc	aanntaagct	300
ncnngaana	cncgntntat	acncccnana	naagnncccn	ngntaacaac	gccaggcgga	360
gcnttcgngg	anananccac	gagngncccc	cctaaggaaa	tgngcgcena	nancagnacc	420
ccgaanaana	gtantngngg	tnnntaancc	gagngaacgt	gacaggcggn	acgcaccgac	480
atngggcnaa	anagaatcgc	ctnggngnca	catcgngnna	cnagnganaa	cgtncaacgn	540

acanncgngc	accnntnnn	acnngtcana	cgaaacnnn	cncgcatntg	agagcncggc	600
gcncctcncg	caaggggngg	cttcnnnacc	cccgcnaaa	nanttinnag	aaatcccnc	660
nagacgtntt	ataccnnaga	cacnaccnng	accnngcggn	gcantagtcg	nanagagagg	720
ctnggtagn	ananncantg	cgncggnntc	ccnttcggcg	cncnanaana	agcccagcgc	780
tntngaann	tggcnccecn	ntgngnncgc	gcnagncacc	cnggtggcga	aaacacnggn	840
angngccnnt	nnnaacncan	nggggggggc	nanaaccggg	ggggaaggcg	tnaccngcan	900
aanggngaaa	acngcccaca	nttinnctcc	gccnggcant	anccccnnga	acatcgnggn	960
gcannncccg	gcanngnccc	cggccaggcn	ggcgnnnccc	aggnanntta	cgnaccggan	1020
ncccggnncn	acnncnaggn	ncccnanacn	nnggnaccnn	ngncngggngg	gnnacgatgg	1080
ggncnngcnn	gnnctgcean	ca				1102

<210> 4708

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(855)

<223> n = A,T,C or G

<400> 4708

ggtgcttccc	cctgngaacc	ctttntacag	gcnaacttga	ntttntgcan	gateccatcg	60
actcnaattc	ggcacgaggg	catancccg	aatngngttt	ttgatgcac	cagtcgtggc	120
attgcaagaa	gtctgtctga	tgaagctcgg	gaagcatttt	gcaatattcc	cttnggctgn	180
gttcctgtgt	tccctgctcc	cacttatctt	cccctggttt	gtgattatta	ggagagaggt	240
tntgcaaaga	ctcnnngctg	tgaaagaatc	ttttnttaat	tnttatccca	nagtcantca	300
cttttattcc	aggnagtcac	gctgatctac	ttatccaaag	ccagcnaacc	aggntcatcc	360
taccatccct	atggaagact	gtgtgtatga	attggagtaa	cagaactgaa	ntacacttaa	420
ncagtgcacg	cactacttcc	caggggtggg	gccatatttc	tctgngtcc	actctgagca	480
acttctcana	gatacgangg	ggctaggggt	ttcccatntg	gggaaatggg	gtgaaagnct	540
gcanatngnt	aaaagcaaat	gttngaacca	ncaataaatn	agatnnntcn	ncatngnnca	600
atnnngcact	antnacnnnn	ntnganannn	cgtanntnnn	ctncgncnnc	tnngnagtnt	660
cncnnggnnc	tctnnattcc	tcgnnannng	atcngcaatt	ggnannttca	nnatntggat	720
nnacanctat	ncgtgancna	atnaacntac	nntgngnngt	acnacnacnn	tnactatcnc	780
atacgcgntc	naaaancgat	ntcacgtntn	cacnattngn	anatatacnn	ttntctctnn	840
ttgntctatt	naccg					855

<210> 4709

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 4709

tnnnnnnttta	nttttaatat	actncagctc	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggaaacatt	cggactcgag	ataatcgctg	ccttggggag	tgggacttgc	120
ctgagctgtg	cagcgactgg	tggagctaca	gaacacgagg	gtcccaaagt	ccgaagaaat	180
tttctgagcc	tttgtacata	gatgaggcaa	aaacctgcga	gtgccatcag	cctccctcac	240
atgggagacc	ccaacccagc	tgacaatgtg	gagcccccag	aacttcagaa	ctggtggagg	300
cacatgtctg	ctctcctgaa	aagagacttg	gtttggggac	cccacaaaag	gaggggaagct	360
gtagctgttt	ggatgtgagg	agaatgaaac	tacaaaaaaa	aataaattgg	gccaggcgca	420

gtggctcatg	cctgtaatcc	cagcactctg	ggaggctgag	gcggaacggat	catgaggtca	480
ggagatcaag	accaccctgg	ctaacacggt	gaaaccctgt	ctctactaaa	aatacaaaaa	540
attagcccg	gcatgggtggc	acacgcctgt	aatcccagct	tcttaggagg	ctgaggcagg	600
anaaatcgct	ttgaaccng	gaaggtagaa	ggttgcantg	agcttgaaaa	ttgcgcccac	660
ttgcaccccc	cttaggcgac	aagaaccgaa	gaacttttgt	ctnttaaatt	aaattaantt	720
aanttaantt	aanttcccaa	cctgggggna	aaaaanannn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnccctt	cganccttnt	taaaaacttn	ttagnggagg	tcggtnttta	ccgttaaaat	840
ccc						843

<210> 4710

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1501)

<223> n = A,T,C or G

<400> 4710

nanggagcaa	ggccaggttt	ttnnncngnn	ctaannnnann	tnnagaaacn	acggctttttg	60
nggtttanng	gncnaaaaaa	cccccncaat	gcaggcncca	gcagananan	aaggagncgg	120
cncggggagg	nggnaanana	nnnncatana	ccngacgaga	gnggancacn	nntaacagaa	180
gacacaccan	aacacnngaa	cncancacaa	agantcncan	acctaannng	cgacgaanac	240
ncnacacntn	tttttttttc	acnaanaana	cnnaaannag	agngaacgca	nnannagnac	300
acnnacnacc	acgaggggga	gangnacnan	agagnggaca	acaagagaag	aaanaacaan	360
ccaacacgcn	cngaacaaca	acacccccng	acancacaan	aacacanan	gcaccaaaca	420
ataanatcag	aganacacac	agaccaacan	aacacncaac	acnngcnaaa	ancnaacgaa	480
gnaaanncaa	acaacnaaan	ccacaacgna	gancannnac	nacacaagna	aaaaaatnna	540
nnanaananc	aaanncanaa	accnaaaaaan	nnccanana	acananaatn	cnnaancnaa	600
ccaancnaca	nnannanacc	ncacagnant	aanaaanaac	ngnnacanaa	nnacacagag	660
acanacacac	natacnaca	ccanacaaac	caanancnga	canactacnn	aanannnnna	720
ncnaaacanc	gacanagnna	nacaaacaaa	gnacacgnaa	ncatncncac	nanagcanan	780
nacgnataac	accgngangag	aaagatacnn	acatnaanan	ctanaaaacgc	ataccgngcg	840
cgncatanaa	nagnacnnan	ananataata	gcaanaana	cacnnaagca	naaacaacac	900
angncaacaa	naacaaaaag	anagaatcnc	acagacagng	cantnacgca	cacaactaga	960
cacacaagng	anacaacgac	acaanataga	taagananag	anagnnnnag	aaaacncaca	1020
cganacncaa	cacgaannac	aganannnac	cacnnaacac	aangagcacc	nacancaacn	1080
ananananca	ccancnanna	nnnaanana	gacacaaaca	cncnatataa	annnaagacn	1140
acnnacacac	nagatanaaa	naanagncga	ccgcagnnaa	acaccacgac	aggaacanaa	1200
nnncnnacna	nananngaaa	nngtanannng	aggggaagcaa	angaaannaa	cacantangn	1260
nggaacacaa	anaanancan	annnccatna	aaganaanna	cannaacncc	nganaaaaaan	1320
ggaaacacac	aancanaccg	naanaananc	nncnanana	nnacaaaaanc	accntagaan	1380
cncanaanac	ngaacnaaac	acaacnnnnan	canacaaccg	aatnaaaannn	ncancacaaa	1440
tgntntnanac	caaaganaac	nanancannn	caaaacnaca	cncncgaagg	ntnnnaacnn	1500
g						1501

<210> 4711

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

```

<400> 4711
tttttaaaac ttttaagccc ttgtgcannn gcaggatccc atcgattcga attcggcacg      60
agaatagtag aaaggggtccc cattcctgct cagcacnttt cctctctacc ccccccacaga      120
cacacatgct gacacacaca tgcngacaac acncatacac acacatgcag gcactcacat      180
gcaggcccat gcacacacac gtgcacacac atgcaganac atgnagacac gcaggcacac      240
atgcacanat gcaaagacan gcatgcangn acacgnagan gcaacagaga canacatgca      300
gattcacatg cacacacaca tacacacact ggncctgtgt tttctgtggn gtcactgggt      360
gccagnaact ctgtatatatta cacctanac taaaacctgg gccttaattt ctctcccgtc      420
cccaccctta aattcctgat ggatgaacct aagaacttnc ctgtacactt caagccggac      480
tgacgtagcc tatggggccca agnagggtcca gngccnactt ttttaatttct ttntaaaaag      540
ctttaagtct tgctggggcgc ggtggnctcac gcctggagtn ccantatttt tgngggaggcc      600
aaagcngntg gatnacaacg ngcactgggt cgngancanc ctgaacaaca tgggggaaaa      660
ccctggtttn taattggaaa tacaacaaaa atnngcttgg gccanggtgg anaggcacnt      720
tgtgaactca acctccaggt tttttggggc canaaagcat acccccacna ngcccaattt      780
aatttnttaa agggaatcct tggtag                                     806

```

<210> 4712

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

```

<400> 4712
agattaaaga ggaaagcaga gactgggttag gttattatag tgtcctaggt aacagttttg      60
gacaagtgtg ataaatgttg aggtgggagg ggtagagggt tggattcaga ctctgttttg      120
taagtagaga agataatgtc tgctgatagc ttggatatga ggaggaaaag gagaggagta      180
aaggatgact cagatttttg acctgtcaat tgggtgaact ctgagattaa attctgtttt      240
ggctatgtta ggttggaat gctgtgtagg caattggata tccaagtctg gacttcaaga      300
gtacaatttg ggactagaaa attaatttgg gagtcattag ggaataacca tgactttgga      360
tgagatcacc tagtacagct agagaagaga aggtagcaaa agacaganac ctaaggtatg      420
ccagcattga ngaagtanag gagaaganga nccatccnnn ngactgncaa ggaccacca      480
gttgacctta gaagaaaaat caggagctgg tattctggaa accatcngaa gaaaatgttt      540
cacaanagg gaagtagtat tgaatgggtg naaatgttac ctatattcct ggnaaaaaaa      600
ccacttcanc tgctttttta agtaaattgt gatantttgt actgcaaata nctttccata      660
ntncttttca aaacatgnta ttttnggncc ttttaa                                     695

```

<210> 4713

<211> 998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(998)

<223> n = A,T,C or G

```

<400> 4713
ggtgnttccc cctgngaaac ctttatacag cctacttggt ctttttgcag gatcccatcg      60
attcgaattc ggcacgaggn cacattcann tntcannttt tgcancntta tancaanant      120
catngccgan acattanntg nctnnaatag tactgcangc ncancatctn cnnnngatcc      180
ctgtnacett gnccttggan cactcgtnag ncaagntctg ntcccagatg ncntgttaacc      240
atnantncna nanaananna tcnagggnct nttnttttcc nncaaacaga tgcnatntgn      300

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cncnggctgn	tgtgntgtng	agggcnctan	gncnnggcaa	ctattnnctt	nnangcngaa	360
gtngttacnc	ntnanggcnc	ncttancttt	caatnagnac	cacatgcnn	tgccaaatng	420
tgctctnagc	taaantnttg	gactntgaan	tanggnncna	anggtnttgc	aataacantg	480
tggatctgna	anaagnctgt	ttggnnngng	acctaätnac	ctcancnggg	nggnctcnct	540
cttaacnntt	tantnccnnt	cntnganagt	gattcatacc	aaggtaccca	ngnnnggtaa	600
tanttcnact	cntngatcg	naantntnnc	cnttnnactn	cnttanagag	nggtcgtnac	660
ccangtntgt	tcgcttcgcn	cttnttttgg	ggngaaatgt	atntccccat	ggaancnttg	720
ggggnnccnn	tttgatngcc	gtaatanat	nggaagtcaa	cttggantta	aacgggtgct	780
canttannct	nagccgaatn	tngtcnttgg	caaacccttg	ccaatacnnc	caattaccn	840
atantngcaa	agnaaatagg	ccnngcatac	cnaagnggga	ccctttataa	attggnnnat	900
ggacttcccc	tttnaagtng	aacnttggnc	ttagcnaaaa	ggcnatnttc	ttgtatgaag	960
ntcgcagnan	tngnatattat	tngggttcta	ngggccng			998

<210> 4714

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4714

cccccccccc	ccnaccnnnc	acccannnnc	accccnnaacn	canacnaatn	nncgcncncan	60
tcacncaccc	cgnntcgann	cncccccncc	taaannccna	nccgncctcnc	cnggntcgca	120
nnccacnntt	gaacctttgc	aaanactggc	aaaccgcgcn	cnaagcgggg	ggnggggann	180
acacncacnn	canatactan	ncnncccaacn	tncganaacg	anagnnnncc	cccccaacna	240
ctnaggggca	cctcggggnc	cctctctcta	cgcnaacnca	ncacatnaacn	ncctccngtt	300
canncnngac	agnancctct	cacnccccac	gcctgctncc	tctccncata	cncncccccc	360
ctcccnatac	gncncgacan	cccacgcgcn	nnngannctn	nctcatcnna	cncacngcnc	420
tacacnnccc	acnntnccct	tctngggcgca	ncannnnent	ncatcgccnc	agcncacnct	480
ctnnctcacc	cccatcatna	cctnaanceg	tctacntntn	nncnctcan	ctcacgcnct	540
aaccgncann	ccncccgna	nactncacnc	tcaanncana	tcganccccc	tencaccncn	600
accnnnnnnn	cgnnccnccc	accnnncaan	nnngttnnnc	ccacctcgag	accnnncang	660
cnaatacccc	cgatcancca	ccnctctant	ncagneetnc	ccgncnnncn	ganncacacg	720
angcccnac	acnacagcgc	antnecgnac	cncanacang	acccanctgc	ccncagcgng	780
nnnnggncan	aaangnnncg	cncnccncta	cantentcca	cccancnncc	ntnancnccn	840
tantannacc	aagccagtan	ncncacctca	nctnnegaat	cncancacn	ccacanacga	900
ccgcaccccc	caacnncagc	actctcacna	cnnngancan	cannntccac	nacactcntt	960
ctcnntactc	tntctcantc	ccccnnncta	acngetcact	ncacaancna	ncnncnncnn	1020
anntagccta	cgccaacgan	acgcacncta	nanctacga	caccnntcac	nacacctcac	1080
cgtacccccc	cngntctnnc	ctcnanegac	ngaancgttn	cacgcncanc	acancactcg	1140
agnantcaca	cgnnacacct	ncacgantac	tcgncaccn	nnnanntnac	nccactngan	1200
cgcactentct	cncctaacna	cacnacntac	cncacctcac	nccatatcca	cnetcaccac	1260
tcacacanna	ganaagnnna	naccgctctc	agcaentact	cactancncc	ncaacncnca	1320
ccacancnca	nacgtnanac	cnetengcgn	ctcacannag	cgnctggnct	gcnnnctccc	1380
gnatannttc	gcacctngan	cacncanacn	tntcccnng	ccccacgact	gagcncnncn	1440
tctcnagacn	ncanccactn	tcnacacnnc	nngacgcanc	tacngcncca	ncncannnct	1500
nanngacnca	cngtccann	ccc				1523

<210> 4715

<211> 726

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 4715
 gttatnancn gctcttggtc ntgctnctgg atctttttgc aggatcccat cgattcgaat 60
 ncngcncgag tntaggnttg anccattgna cccagccnag gttnttaata nnannnanag 120
 cntgctgntn tnaaaagtga aaagaggcca gntgtgggtg ntactgnctg nggtcccagc 180
 tntccggag gctgaggcat gaggatcatt tnggccagg ctgcaatgca atggcactga 240
 tcacggcttt ctgcancctt aacntgctgg gngggacacg gagtaccctg tttttnaang 300
 aanantgcag agtacnccaa ttgnatatgn tatataannn caactntent aaagganctg 360
 tatatnnaat gagtgggaanc aaatntggca nactnttaat ngnacatatn ttgaaactan 420
 agctenttac acttctttga nctacaacgg gtatatgtcn tacttanatg atgcacaaaa 480
 ggtgcaccat atatatatat gttnttgacg nnggttntga nagagtttca ctcttgcnch 540
 canntggag aatgtacnga actganatng gngaaatgtc tccancnggg ngatnnagat 600
 nactgggct ntcgtggaag aatggtgtnt accnnaaaat ttggagcctc tttaaacnan 660
 tggngaggac ntttacntng gttccccaaa ttgtngaggg gncntttggn gantttnnnc 720
 cnnncc 726

<210> 4716
 <211> 1554
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1554)
 <223> n = A,T,C or G

<400> 4716
 ccaccncnn ntnnttnatn nnnccntncn acctcnnnnn nncnnngggn nantngcnnn 60
 nnnnnnnaag nnnnctnatg aactnaataa ganntngetg gtctgaaatn gcctaactng 120
 aataggggct ggggggggnc nncngncnna ggnatnatnc gtntccagtg ntntngnnng 180
 ntctcggnnn tnnntntaac tatnnntnnn nanccannan anngtcgngg gntnnnnnat 240
 ntnnnnnntn natccannna ncacanntcc ttctnntcan tccannnaac ctentannnc 300
 cantccccta tntcgancca gnnnnnceca cngntnnnnn ngtcnnnnann nnaancnan 360
 nattcagctn nnacnntann ntaacttnc cngcaanga nncnntct cctcngntcn 420
 accggcnnng nantncnngn tcancannta tntnnntnt nntctatect nnnctntnc 480
 tagannannn nntnctacn nntncaann cancnncca tanantanc cncctcngnn 540
 ctcnntcctc annccngnac tntcnnngct ncnntatc tntntcnac nncacncnat 600
 annnntctn anantcnnn ttcnncnn nctnatcn antgcctann cnnnccnnc 660
 nnnatgtnan ncannatnct ntanancngn ngcnnnctnn tcannnnnca cncntnatca 720
 catntnnctn tnnangannn ntcnntntcc nnancatna tctnancctc tncanntntn 780
 cnntatccgc nnnnnancct ntnntacnnt cctnccatan antanaacnc nctntcctca 840
 nnnncnnntn antcnntatn cnnnannncn ctctctaca cncgcnng cntcnactnn 900
 cncctatcn nnnnaantc ncanctcatn acctcctcn tntnnntnc natcncatnt 960
 atanacnnan actctctntc gncatnnnn gncnntctnc acagtatncc nctntntnc 1020
 ntannancga nntccnncn atataatcac tnnacactnt actcnnantn cttactntnn 1080
 accnctctnn catcnnntc nctctnnnc tcatatntgn ntacnntnna ncatctctcn 1140
 cancancnna ntacacnncn natcnntann ncanantnnc ntncannncn tcnctnntc 1200
 ngtnnnnctc nactctnca catatatnat ctanctnanc cacnccnntn tnnnnntnc 1260
 tcannnctcn cnnntctatn tgctatacat nncctnnta ncantatecca nngccncac 1320
 natancctcan ntatctctn cctntancn cctnntcc tntcanacc cancttactc 1380
 tcttantnnc acnctntncn tcnccnncn tntnatecna acnncnncta nttncatcca 1440
 ncncctccgta tanctccnt nncnnnngc cncnccnta ctctctcan ntgnnccnt 1500

ntnncaatntc nctntcnnnc cacccttcn cnnegncnt tnnntnanncc ncct

1554

<210> 4717

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 4717

tttacatata	gctcttggtc	tttttgcagg	atccctcgat	togaattcgg	cacgaggtct	60
ctgcaaaaga	cccctccgac	ccgagtggtc	gtggaactgg	ttccctgggc	tgaccggagc	120
cgggagaaca	acctggcctc	agggagagag	acgctaccgg	gcttacgcca	ccccctctcc	180
tcaacacaag	cccaaactgc	taccgcgag	gtgcaagtaa	gcggcacctc	agaagtgtct	240
gcgggccctg	accgggcgca	ggtggtggtg	cagtgcgcag	caccaaggag	gcggcagccg	300
aggccaaaaa	gagcgtttgt	cgccgtctag	attacatcac	gcagagcctc	cagcagcagg	360
gcgtgcaggc	agaaaatata	actgtgacaa	aggattttag	gagagtggaa	aatgcttatc	420
acatggaagc	agaggtctgc	attacattta	ctgaatttgg	aaaaatgcaa	aatattttgta	480
actttcttgt	tgaaaagcta	gatagctctg	ttgtcatcag	cccaccccag	ttctatcata	540
ctccaggttc	tgttgagaat	cttcacggca	agcctgtctt	gttgctgttg	anaatgcgtg	600
gcgcaaacctc	aagaagtctg	taccttgtgg	ccaaacctta	ngaaaacctt	tctaatacaa	660
gaagaagaac	aaaagaatgg	gaaggccaat	agatgatcac	cagtcattcca	gactctnaag	720
ttcattactg	tccacaaaaa	atcaaaagtg	cacaatactt	ctg		763

<210> 4718

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (953)

<223> n = A,T,C or G

<400> 4718

nggtncaccg	naacaacgnn	gaatccccca	annncncgan	acagaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcacancag	cgacctttta	ggcnttnctg	cactgncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nncacangat	aaaancgcca	tggaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaanct	tnccaagngn	gagcgcccna	300
ccgacngtnn	gcngatcaga	nacnggagag	gnggagnag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggtctg	cncaggacc	ngcngcacia	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcnetgtann	gagaanggnc	ntccncgcan	ctccnaggag	gnaaggcngg	agannccccc	540
gctcgnaaan	gnangnagca	agggaancc	ccangggncg	ggcccnag	aaggccccnc	600
ccncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnnngc	cngcanaaaa	660
ccccccnnac	acnggaaana	cncccgcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcncnccn	nacnagggnn	acacaaaann	ccngagcgcn	780
cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anancgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

<210> 4719

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4719

ttnantnngt	cattcctgta	ccagctactt	gttctttttg	caggatccca	tcgattcggn	60
gatatngnnn	gnctanncaa	agtgggaana	ncttncnggc	tgngaaaaca	ngctntangn	120
ccnaanance	ngntttacan	gttnnaanact	ntgtnnnnnt	tgagcatggt	nnenggtctt	180
angnngntat	tnnanngtan	ccactttgna	gaggngtatc	tggaactttt	tcnncttatg	240
gttcaattag	ntccngnntg	cacantgagn	ntgatnatta	cttgtgagnt	gagctcntgc	300
gttttaccga	cttctggctn	ggactgggtg	ccattagcta	tnaanaggcn	tttngtnnca	360
taannttcng	gtaanntgan	ngatctntna	agatnccccct	ttaattcggt	agtantacca	420
ttacgtagnc	naatttanga	tncnnatcc	cnaatttttna	ncatnnccan	ntgtaanatc	480
mntgaattan	cagnacnncc	nanngccctn	tnnaggnttg	atttctcgat	atttgactnc	540
ntctggngng	ananannggc	naagaanttn	accattgggt	angnnaaann	agngtgntgt	600
tagggtnaaa	ntcacctntt	ttttnnacna	atcnntggaa	cantttacna	tcanttngna	660
naaaacnnta	nnncttttgc	ccnatgggan	ctntttntta	aanccnntnc	ctttttntaa	720
cnnttttttn	aaccnttgga	aaaaattngn	taaataaaat	ntngcccttt	aaanantntt	780
tcgnaattnn	gaatatctta	anggcccttt	taaaaaatatg	gnccccggtt	atggngaaaa	840
ntnattgccca	gccantncnt					860

<210> 4720
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 4720

ngtctnttaa	cgngctcttg	tcnngctact	tggtcttttt	gcaggatccc	atcgattcgg	60
tcaactccat	ctgcagtgtt	caaggcactg	tggttggcgt	ggacgagagc	actgctttct	120
catggcctgt	gtgtgacatg	tgtggcaacg	ggagattgga	acagaggccg	gaagacagag	180
gcgccttttc	ctgtggggac	tgtcccggg	tggtcacatc	tcctgtttct	aagaggcacc	240
tgcaggtctt	cctggactgc	cgtcaagac	cgcagtgcag	agtgaaggtc	aagctgttgc	300
agcgcagcat	ttcctccctg	ctgaggtttg	ccgccggtga	agatgggagc	tacgaagtga	360
agagtgtcct	cggaaaggaa	gtgggttgtt	taaattgttt	tgtccagtcc	gtaaccgccc	420
acccgaccag	ctgcattgga	ttggaggaaa	tcgagcttct	gagtgcagga	ggggcctctg	480
cagaacacta	gcgggtgccc	caggatctgt	gaactttgca	atgtggctgc	aaggggtggtg	540
gtgggtggtg	tgatttgggg	tagttatttg	ttaactatgg	cacagtgaac	gtagtttacn	600
atcttgaaat	gaaacttana	ttttctgggg	aaatgttcan	atcagttntg	tgaactgtaa	660
atnaaaatac	cttttctaca	gttatctttt	attttctgca	aattangaac	ctnt	714

<210> 4721
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 4721

tttcnngttt	aaacnccttt	aaaaatntgn	nacttngatn	nagtntaaag	tnnccccctct	60
atatattgna	gtancncctn	taaaacatca	ggaaaattaa	ggnggtctnt	ngggggggtg	120
atnttcnatn	ncnantgaat	aatgatccaa	gnntcntant	angaannan	gcncatatata	180
nanntantan	tactntttgg	ntnnnnanct	antanantct	annntactcn	ntanatanta	240
tencnangtn	ngcatacnat	ntnactntn	ntntntttac	tnccattatct	ctanatattn	300
nnncntntn	ntntancatn	cntncnanct	ttcnnnctta	ttnatantnn	tttaantttt	360
tctntctnct	tencnnnnca	ttntataatn	atnnntnnn	nnnnntnantt	ctntcaatnt	420
ntcatnccct	nnnnctcna	nctntntncc	tnantnnntn	tccantttnc	catttantnn	480
ctannnnntn	nnctcntntn	tnntntntnc	tcctaancct	ctnttttntt	ctcanntntt	540
nttcnncctn	tnntttattt	ntntctcnn	ncnctcnnnc	tttncnncnn	tnctcttcna	600
tantntctnn	ccanntctnc	atatcttntt	nnnccttaa	tnntacnctt	ncccnctncc	660
ccctcnnanc	attttcnttc	tccttanant	nnntnctttn	tnntaanata	tnnnnnntta	720
tttnnaectn	tttgtttgta	ctnctntna	cncanantca	atnacacatt	tatcncattn	780
canatcttct	naantcncct	nnattncact	tnattcacna	ntctncaatt	cctacatnct	840
ntatnctnac	ntcatattnn	ctcccnnt				868

<210> 4722
 <211> 1612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1612)
 <223> n = A,T,C or G

<400> 4722

gtnnctcaaa	tcngcagcac	gnanagtnca	aagngaagng	gcncctctaca	tatgagaccc	60
tnaaacatca	ganattaggg	ggtctngggg	gggcctcnn	anatncnnga	atactatccg	120
nggccctttt	nnngntnann	ntagagannt	ggngggnntn	nncggngntn	tnctctancnn	180
attcnncttt	catctectac	tcnggggggn	nactnnnnac	tctctnacn	ccctncnttc	240
nnctcnnncc	tacctccctn	tnncnntccc	gnactnaaca	cncntccna	cnttncctnc	300
actcnatann	ccnccnacnc	tcttacnntn	nccaccacgt	atctcctncc	nnctctctct	360
nnaccnttan	natnntnact	cncncnctnn	cnttccctata	nctcagcnnn	tcnactccgc	420
ccgtcantcn	gctacngtcc	nnctntctct	nnnnangett	cctnnacttc	ncnntcanca	480
caatntnccct	catctnncca	ctntntntcn	atatctctca	ncctctnacn	ntcnnnnntca	540
tcnnnacaaa	tnctcncntc	canatccatc	ttntnnnnan	nnaccatntn	anntagntcc	600
nactactntc	ccaegtanac	ntntctntnt	ccnccatctc	acntnntcta	tnatactctn	660
cncctctcac	nctatnanat	cnnatancta	tcctatacct	nttacnaann	ncctcacann	720
ctntccnntc	tctctctann	accttcacnn	ttcntctnat	attatntact	nntnaccana	780
tancacacna	cncctcccnc	ntatanntac	acntncacnc	actanacnan	ctcncnctca	840
tactctantn	tctcncnntc	ttatatcnnt	ctatcatata	ntnacncaag	tcnctctctc	900
atntaccnnn	antnctncc	cactacnnt	ccnctancta	cnatacatnc	acannnnana	960
tcnataccn	ntctcnatnc	nctctctct	ctntntntca	cncctanattc	nnatatnccn	1020
ctatcnnctt	ccnnntgnc	tcctactnct	ncctcncct	ctctctcnc	tnctctnntt	1080
anctnnntct	nttncctctc	ctcncacngt	accnctcnat	atcatntntc	atcncctctc	1140
catanatncc	nnacancnta	tatctctct	ntntncccta	nnatncatct	nctcncntnc	1200
nnccatctcat	annccnnt	gtcanacnna	ngctctctcn	actntccanc	tcctcnnctc	1260
gcnacngact	nnatcncnat	tcctctnttn	gactcncct	antcatcnc	ccctacnacc	1320
aacaccanna	tactntctnn	ntcncctctn	aatntcacac	acantncann	ncacntanc	1380
ttatctcant	tctgntnacn	catcactact	cttctcatct	acacatnant	nnancctnat	1440

tnccttctacn	ctctccttct	cnctnctatna	nnctntacan	gnctctncca	tntctcncce	1500
ctctcctcct	ntnnntcanc	nnctcancna	ccantcannn	ctancgcgat	ctatatattn	1560
ctcatatcct	ctanacanta	tcctcanatc	tcactnctan	nnatancnac	ct	1612

<210> 4723

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1503)

<223> n = A,T,C or G

<400> 4723

ctaaaattgt	ctncgtaa	nctntnnnn	gtacantagg	aacggcnc	acatatgaga	60
cncttaaaca	tcnganatag	ggngtctngg	gggggcgctt	gcntancnt	gnanntgact	120
nacgnnccan	ttgaantaan	nctttaanga	nattanggen	ttttncgcgc	ntctcncctca	180
anctcnnat	tncantntaa	canngngggg	gentcctntc	ancatcnanc	ncttncctact	240
tccttttatn	cttctnctcn	cttcnnaacta	cttntactnt	nnctnncacc	nnaccancat	300
tnnantntnc	ancctcctc	ntancnttcn	ctnnncncat	ccntnnccn	cncantcct	360
ctaacncnc	annnctcctn	tntnccanat	tcatnccntt	nnntnancct	tntcncctt	420
ntctatcatt	ctacncctac	ctctcctaac	nctttttntt	cnnctcacnn	tctcncntaca	480
ctcnnccanc	nacnnaacca	ccntannect	ctnnctntcc	tctntantac	ntntcncatc	540
tcnnnnccan	tnattctnac	ntantntntc	attnacacnc	tcnncctann	tatnntntta	600
tctctanccc	ctcantanat	ntctccatn	ctcaactntc	tcacctctcc	ctctanatcc	660
ncctntntnta	gnnactcctc	tggttnctgc	tantattncn	tatacntctc	cnntcncact	720
ntntttttata	ntacancctc	ntcnnnctnn	cctcncntnn	acncntnaat	accctcatct	780
tatatntntt	ntcnnnctnn	tatcncatc	ttananccta	cantnttctt	cataatcnaa	840
nnncaactctn	tanntgcaca	tntanaactnc	ccnnncanc	tctttatacc	tntcncatac	900
ntcacnntct	ntnancnact	cnatnactnn	catacactca	natncacctn	ntnnnatntc	960
nccatataatn	tntantanc	cncctctcna	tattatatat	ntntcncctc	ntnccncctc	1020
ngnnctcctnc	tntatcanac	tctctatncn	caccaactat	nnntcncant	ncnnnctttc	1080
acnnnnntnac	cantcncctn	nancncctatc	ntctctccta	tcactttnna	tcntaactct	1140
ctcatatacnc	cnantcatnt	cnnntncnac	ncctcncntt	ctcncancct	cttncncact	1200
acnnttatct	actcactcta	tntctcctnn	ctctacanc	tcncntcgt	ntccacntta	1260
tctnnnnnca	ctatctctnt	cactctnanc	ntaaacctcc	tccttntnca	tntcancctt	1320
ctatnccatt	tctcaatanc	actcncncac	ncattcctct	ntcncatcta	tctcttncce	1380
anctcncctn	tctcannan	tngttncctc	atcagnactc	ctatatantn	tatctcncatn	1440
cttntatata	canncatnnn	cttctcncac	tcatatntnt	ctntantnta	ctatcttntt	1500
cct						1503

<210> 4724

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1309)

<223> n = A,T,C or G

<400> 4724

cantggnaan	tntcccgacc	tangactagg	tnnaccnnc	angnggggaa	aaaagcccc	60
caganagnnn	gaggtttgga	ggnggggaaa	aaagannc	ggggggaggg	gggggnnttg	120
gaaaannngg	anacgggggg	gcacgnnngc	gngcgcacnc	ntnttttttt	cncncccccg	180

nccnttnntt	tccccncnc	gcncggagt	nncnngnagn	ggggggnggn	nnnnaganaa	240
ganggggggg	gggaanannn	gttggggngg	ggggggncna	gagngggggg	gncnggcnga	300
nannangcnn	gggggggggn	gagcagangg	anggnncna	gggggngng	ggngngngga	360
ggnanagcan	gngaggggga	ggngaagag	ngnggagagg	gnagggnagg	nggngngngg	420
ggagnanagc	ngngaggnag	nanaggggaa	ggngnagnng	ngggggggng	angaggggga	480
cgnnnnnggn	ngcngagna	gnnggggngg	ngnnanncna	ngncggngga	ngnaangnna	540
nggngngngg	cnngcgnaa	gagngganaa	ngggagngcg	ngggggggcg	gngngancgn	600
ggagnagnng	annngggcnn	gagangngga	gngngngngg	gcgaangggg	nnnggngngg	660
gggngngggg	cgagagnggn	nggngnnngg	cangtnaaag	gnnnagggna	gaannngnac	720
acggaccggn	ngnggaganc	gnggacgaaa	nnngnnagac	gngnggacga	ganacgcng	780
gnannngang	ngggntgggg	annagaggag	cgcnngagaa	cgcnncnnng	gaganngang	840
gagngagagn	gggnacggg	nnnanngcgn	gcaagagaga	gacgagngac	gaggagngng	900
agagagagag	acngaggaga	gaganannaag	acngacggag	agcacggcgg	aggnnnncgc	960
gacgacagag	aggnaggacg	naganaggng	anncgannga	gagggncnca	ccggaannac	1020
gngagacna	cnnagngngc	gaggaacacg	gngcgcgana	ggaggagaac	ncngngangga	1080
ngacgncgng	nancggngga	cacgnangcg	ngagaganann	agagagggag	gcacgaagnn	1140
cggaagagcn	gangggaaga	nnannancga	gngngagaa	cgagngagc	anaagggagg	1200
angggtcaga	ngagaganag	cacaancgng	agaggnggan	nnaggacgac	ggnggagaga	1260
gaancangng	ggnagaagnn	cngancagga	agggcgnggg	naggngcgc		1309

<210> 4725

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4725

aaaaaaaaa	aaacccccnn	ggggggnnanc	ccctnctaaa	aaaatnnagn	nacctnctgn	60
naagggcgna	aaacnnnnnn	ccctcnnanc	aanatnncag	nnccccccct	aaaaaccatc	120
caggggaanaa	ttaaaggggg	cgtnccntg	ggggggggnnn	nnnnnnnnnn	nnnnnnnncc	180
cnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnccccnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnccccnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1020
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1140
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1200
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1320
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1359

<210> 4726

<211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4726
 nnnnnnnnnnn

10

<210> 4727
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4727

nngctctn	attnnntgng	gncttgctcg	ntaccncnan	ncngnggna	atcgattggg	60
cccgaggtng	atnnatgnat	actactcctg	cgcgtcagtt	ctcacttttt	ggggccctgc	120
cggctggatn	acngtacanc	ctaaannngg	anctnctacc	tggccctcta	cangcagatn	180
atcanncnng	acaagctagg	ctgcncgcgc	acggcgctgg	agtactgcan	gtcattctcg	240
agtctcgagc	cggatgagga	ccccctctgc	atgctgctgc	tcatacgacc	acctgncctt	300
gcngncccg	aactactagt	acctgatccn	cctnttccan	aagtgggagg	ctcatnnnaa	360
cctgtncag	ctcctaatn	gtgccttctn	tgttccactg	gentatttcc	tgctgagnca	420
ccagacanac	ctnctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat	480
acagcangcg	ctcaccatgt	tccctgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg	540
tnccggcnga	cgccagngtt	nacagtcacc	gctnctttgg	gacccaatgc	tgaaattaag	600
ccaaacnctt	gcccttgacc	canatggtna	accttggtacc	tttggnagg	tcacactttt	660
ttnttgga	aanaaccng	gcancnnttg	ancttggtcg	gaaggaaaaa	cgtccccgan	720
gatcttcaa	gcaaattgat	gccggggaac	ccaaaccctg	gnaagcctgg	ggagaaaccc	780
gggggaaag						789

<210> 4728
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4728

nngctctn	attnnntgng	gncttgctcg	ntaccncnan	ncngnggna	atcgattggg	60
cccgaggtng	atnnatgnat	actactcctg	cgcgtcagtt	ctcacttttt	ggggccctgc	120
cggctggatn	acngtacanc	ctaaannngg	anctnctacc	tggccctcta	cangcagatn	180
atcanncnng	acaagctagg	ctgcncgcgc	acggcgctgg	agtactgcan	gtcattctcg	240
agtctcgagc	cggatgagga	ccccctctgc	atgctgctgc	tcatacgacc	acctgncctt	300
gcngncccg	aactactagt	acctgatccn	cctnttccan	aagtgggagg	ctcatnnnaa	360
cctgtncag	ctcctaatn	gtgccttctn	tgttccactg	gentatttcc	tgctgagnca	420

ccagacacac	ctncctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat	480
acagcangcg	ctcaccatgt	tccttgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg	540
tnccggccnga	cgccagngtt	nacagtcacc	gctncttttg	gacccaatgc	tgaaattaag	600
ccaaacncct	gcccttgacc	canatggtna	accttggtacc	tttggnagg	tcacactttt	660
ttnttggaag	aanaaccng	gcancnnttg	ancttggtg	gaaggaaaaa	cgtccccgan	720
gatcttcaaa	gcaaattgat	gccggggaac	caaaccctg	gnaagcctgg	ggagaaaccc	780
gggggaaag						789

<210> 4729

<211> 1064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1064)

<223> n = A,T,C or G

<400> 4729

cnttactaan	ngnntgctat	cgntctttcc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atTTTTgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccttc	ttactgcaaa	180
ccatgctgtg	ccttagggcc	cttctcatag	ntgttctna	tgcccatgac	tggaacaggg	240
atgcaacctn	ttntacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacacngt	nnttcnnttc	tanntgccna	nantcttcac	caatcngntc	annnnnnntn	360
ctcactcna	ccanccatc	cnannntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaacncat	caatnnnttt	nntnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tencactntt	tatactcnc	nattactctt	nnncntacn	ctcatcacat	acnctttaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtctntct	600
atcnncntnn	aagnctntnt	naatnntntc	tctganaenc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggataactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	natcntttta	tanctcnnan	tntaacngtc	840
ntntctnna	tctntctntt	tcganatctc	nncaentntc	tntntatnct	tnttcttctt	900
ctntaatatc	nantcatctt	agtctcnnna	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttntntancat	annacnnac	1020
ctanatnant	cctctaannt	aacttcatct	ncntnttact	annt		1064

<210> 4730

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(915)

<223> n = A,T,C or G

<400> 4730

atnnananen	tanaancata	acnattnnnn	tatantnanc	ntnnnnct	tttnncnata	60
ctnnntntc	cnnnntttt	ttaagcttc	taaatgcttg	gcaatcgccn	cctantanng	120
gcntggngat	ncgcnccagn	acctgctata	gttnngnnac	nnaccacacc	cttncannaa	180
atcttaacaa	gggggngggg	ataaaanaaa	aacntccaca	attaccttaa	aagggaactct	240
tatgntttca	actacanata	gttgtaaagg	atcatacaca	anatattgat	gatanttgaa	300
atattcttag	aagggggtgtg	tntgtctanc	tgngtctacc	atgngtantg	tattcntgac	360
aagcactnta	aaatacctgn	tnatntttct	atacattacg	nataatngcc	ataangantt	420

aanctncata	tatntcatca	nccctaattg	aatcannnnn	aaatattttt	attgccccatn	480
anatctaatt	tcacttatac	tatcccnana	atagtaanac	nactacagct	nnttacncna	540
tntaaacctt	tnnnanntnn	cacaatatna	tacgnnnanc	canttatacna	ttangnnntn	600
naanaancan	aantncaann	atttcctnat	cnaaatcaca	attttctncn	naancaaata	660
ntncattcen	accncnnatn	ccncagaaaa	tntncacetc	ctatcaatat	ancaatntat	720
tnanaccang	nnncnncant	ncaatgtttt	ctcancattn	nncttntant	ctatntactn	780
cnttcnntta	acanatatnt	tcanaantcc	anattncatt	tcacttntac	tacaccnnaa	840
caanacntca	aatanaagt	ncanatacan	ccnaantccc	ncatntanna	ctntannach	900
cantattncc	ntncn					915

<210> 4731

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1479)

<223> n = A,T,C or G

<400> 4731

agcctcttaa	actncaantt	ntaacttcnn	nangcnaaac	gncnctctat	atatcgcngt	60
ancnccttaa	aacatcatga	nattatgggg	gtcttttngg	ggnggennac	taccatctat	120
catenctenc	nnntacnang	accccttnta	cnactactnt	cncctcttnat	gannngctcc	180
gtctnnnnnn	ctcnntannn	ttatctacnn	ctctcttctc	ncctctctcat	nnctnnchnaa	240
ncattcctcn	cctcatatcn	actccctctc	aattcancca	tctatatntc	tnanatcnc	300
ancattacgn	tattntacna	cacactctcg	naacncgctc	tntnagatnn	tctctcacta	360
cncnntanca	tnnttcatca	tcanncnata	ntcttcanac	agnncccttc	ctctccngca	420
tctccttctc	ctcatnctnn	cnnattnann	nncttcctac	tcactnntcc	ctntcncacc	480
nnanctanc	cncctntatn	ntcnccccc	tgcctntnta	ctccctnccc	cnttcacccc	540
cntntccnac	ttnttcancn	nnctnnccctt	actnnatctc	ntctntatcn	ccccattatn	600
ctnnnnnnnc	tangacnenn	nnctntcaat	tttccccatn	ncnccennnt	tnncgctnnn	660
ctttcngent	ctcnenttac	centtntnct	annctcctt	nanctcnncc	cncctctctt	720
ncantcganc	nacnncccc	tcnacnatct	ntannnnctt	cnnnnnnnnnc	ntatcantcn	780
cctccncact	catccatcta	cnnacacnca	ctctanactn	tnnccactnc	ctccactctc	840
tctcttance	tcnctctcan	ntnatccttc	tctctntctc	attannantn	ancctccntt	900
tnaaatccnt	cacncatact	naccatcttc	nccaactntn	tcttnnnntcc	nattncatnt	960
cctcccntaa	mntanncaat	ctctctnnnt	cactcacanc	tnnacactcc	attctcnnta	1020
nnctctcnac	anncactcan	cttcnactca	tanactcaca	ctancennnt	tnnntcttac	1080
antccnacnc	ntanatttct	ctccnnntnn	atcacanaac	cacatctatac	tactatctta	1140
tcactccntn	tctcaegtnt	ctctctcacc	ntntatnctn	aactctatat	cactcaancc	1200
atactctnat	canatcttgc	tcncacctat	atnctctctc	ncaccctact	cncctctaca	1260
tgtenacatc	ttcctcnct	ntataccacn	canttactna	ctnnnccan	actcngccnt	1320
acnctactac	actgcantct	ctatctctnc	ntcgcacacn	cncctctngc	nccccactct	1380
cntcttntct	cnnctcnac	tctctctntc	nantcnactc	tcccnacacat	ctatatntat	1440
tctctctctc	atctccnctc	ccctcctact	canaccccg			1479

<210> 4732

<211> 1764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1764)

<223> n = A,T,C or G

<400> 4732

cnaccctnca	aaaaattcat	ataccanaca	nntnaggcct	cttggnanng	gcnncccttcn	60
naacatnaat	tgcnagtacc	cnccttnaaa	aaaccatcat	gnaaaataat	gggggngtct	120
tttngggggg	gnngnacnna	antcaantca	ancccatnaa	accacnaant	tcnccgnaccc	180
cttaaaccgt	naananatnc	actancanan	natnnccata	gtanancnttc	ctgnnnctnc	240
ncnnacaacc	taccctctan	tnntcccttc	ctattnnntn	cntnctccca	cnancnnncn	300
cnctctctcn	cctacatntn	ttccanataa	cncctcacnn	nccctacnnc	cncacatct	360
ntanaacccc	ancacnccctc	cccacctnca	nncatcnac	ctactcnact	nnacantecn	420
ccnccctttct	cnnetcnmnt	anttcactac	ctcttnnaact	accccaanat	ctacntcccc	480
ctctctccac	ncacanttac	netctcanca	actnccancc	atnccnccnc	atanacacct	540
nacncnccn	tnntctcccc	ntaaccaaat	nacctccctc	nattcatnan	tnatnnnnac	600
cnnetatccc	accncantan	acntccacc	nnactaactc	caccacctcc	cactactntc	660
tctcctaate	nacnctancn	cntccaccan	ntcantcctn	ctcantctcn	nacaccmntn	720
ntacnatcca	tnnetcnana	ccntctnntc	canacccctn	ctntcaatca	ctnctacata	780
tncccatcnc	tatatantnt	netctctcat	ctcnatccaa	tcctcnccnc	atacanctct	840
ntacatctct	cncnctcatc	actnantctn	ctcnctcnac	tnntntcacn	cnacactnac	900
ntntcacnna	ctatecnaca	ccatacatte	tnctccannn	ctaataacca	catctntaac	960
tacnnccaca	cncancnncn	cnacncccat	acntctctnc	acnncctcat	nnaccaactc	1020
cncnncntan	catcnncnca	cactacacaa	ccatcaanna	nnntcctctc	atannacacc	1080
tnntntncac	caentcnntn	tcactacact	cactataann	ctctntncan	ntctancata	1140
cctctnnact	ntcnaccact	ctccctcact	cactctccac	natcacntct	ctcacactca	1200
tatcatcnc	tactctacnc	nttaacnctc	ttatcancat	acatntcatc	acttcnaacn	1260
cntctntcnc	ancantanc	atactncct	mntnctcnc	actctctatc	cntacanctc	1320
aatccaattc	ccactncnct	catncatntc	ncttcacnan	ctcacctcat	tnactcact	1380
ataannccctc	acctcacccn	acactccctc	tantcccnnc	tctcctactc	acactctcac	1440
tcactctcnc	ctcnacatcc	tcancnnttc	ncanctcacn	ctatcnncna	tatatntcnc	1500
taatcatcnc	ctntcacana	ctnctntcac	actacacnca	ccctnctcan	ctnctntnt	1560
ccctctctac	tctctntcc	ancacatctc	tctcactana	cacncatntc	cntccatcan	1620
ancanatcan	anacncctat	acacnntnca	tactctntnt	atcaatatcc	cctntcaaac	1680
tcnctcttct	tannactacn	ctatcactnt	cncctctcaac	tnctactata	tctcactcan	1740
tctcnacnc	tacantntcn	ncnt				1764

<210> 4733

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(953)

<223> n = A,T,C or G

<400> 4733

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcacancag	cgacctttta	ggcnttnctg	cactgncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nncacangat	aaaancgccca	tggaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagnn	gagcgcccnna	300
ccgacngtnn	gcngatcaga	nacnggagag	gnggagngag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggctcg	cncaggacc	ngcngcacaa	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcnetgtann	gagaanggnc	ntccnccgan	ctccnaggag	gnaaggcngg	agannncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggngc	ggcccnncag	aagggcccnnc	600
ccnncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnnngcc	cngcanaaaa	660
ccccccnnac	acnggaaana	cnccegcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcncncccn	nacnagggnn	acacaaaann	ccngagcgcn	780

cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa	900
nnngccccca	cgngananna	aanccaacnn	nnngaanaacn	nacggannac	gcc	953

<210> 4734

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1046)

<223> n = A,T,C or G

<400> 4734

gtanctnatt	nttttgatgg	nctaaatngc	cctaaatagg	nnngngtngg	ggncatacnn	60
cancnangtn	cnnaaatact	nnngntacan	ancatagggtc	ancaacatct	nactnnaaac	120
ccttatgnta	aaaanaaaacn	ncttgccctc	agccttcaag	cnattatatac	ngctctcatc	180
cctncngnnt	acgncgnnan	tatatgtnc	ntnccaccac	nanccagtta	atnctnaagt	240
atcnanatac	taccagcatg	ggtantcaca	anctgntncn	ccagcnatnc	tnaatntctc	300
ngngacctcc	ngancennnc	ncntnnnnct	nnnanngngc	ngncattaca	nncentnanc	360
cactgttncc	ngacctcaac	mntcttacca	anaatgtnt	nccnntgnat	gnanttttac	420
atggcnataa	cactattgcn	tttncaannt	cccnacctc	ttcnntance	aananttnnn	480
ntnnctngtc	ncanantgt	cncctcattn	nnannnctcn	tgtnacnnnn	tcnnnnntact	540
anntagcact	atnattatac	ngtnnatctn	tacanannct	ncatnnctan	atnttacnnc	600
anattccctc	tttngctcac	ttnnccatata	cttctcanen	nactctcgcc	gangtctctc	660
gnnatatctn	antanctnat	ntntgnnnna	gcatcatatn	tgctactcta	naaantcnat	720
gagtaggaat	actnnnnctt	cannctcana	aacactctat	ntncacatct	nncacacacn	780
mntagtgcac	atanantcct	cnngangatc	naantctcct	nnanctcgnc	tcnntcgtnn	840
ctncanacgc	nntcactnga	ttctntnnnt	annnacaan	acnatacngc	anaatnacat	900
ncnatanann	ctntntcacg	nnncatcgta	tntctnannt	tnntnecgnc	nnctnctnnc	960
tgctacacat	ntatancatn	tnntnatcan	tctatncaga	ncantnttnc	atcaaanacn	1020
ntnccctncag	cngtnannca	cctnct				1046

<210> 4735

<211> 1337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1337)

<223> n = A,T,C or G

<400> 4735

cccnnaaaaa	aatttnnaanc	cccccgncgt	taaaaaancc	ctcttaaaaa	aaatttggnn	60
gectnctgna	ggggggcna	aacnnnnccc	ccctcnnanc	annatnnnng	nncccccccn	120
ctaaaaacca	tccaggggaac	aatnatgggg	gectncnntt	ngggggggnnc	cnnnnnnnnn	180
nnnnnnnncc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnncc	240
cncnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660

ccccccnnnn	ccnncccccc	cnnccnnnc	ccnncccccc	ccnncccccc	ccnnccnnnc	720
ccccnncccc	ccnnccccnn	ccccnncccc	nnccccnnnn	ccnnccnncc	ccnnccnncc	780
nnccnnccnn	nnnncccccc	cnccnnnnnn	cnccccnnnc	nnccnnnnnn	cnccnncccc	840
cnccnnnnnn	cnccccnnnn	cnccnnnnnc	cnccnncccc	nnccnnnncc	cnccnnccnn	900
cnccnncccc	cnccnnccnn	cnccnnccnn	cnccnnnnnn	nnccnnccnn	nnccnnccnn	960
nnccnnccnn	nnccnnnnnn	nnccnnnnnn	cnccnnccnn	nnccnnccnn	nnccnnnnnn	1020
nnccnnnnnn	nnnncccccc	cnccnnccnn	cnccnnccnn	nnccnncccc	nnccnnccnn	1080
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnnnnn	1140
cnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1200
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1260
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1320
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1337

<210> 4736

<211> 1312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1312)

<223> n = A,T,C or G

<400> 4736

ccctnaaaaa	aaatttgng	gnccnccggg	ggggnnnnnn	nncccttta	aaaaaatatg	60
gagccctctg	nngggggna	aacnnncncc	ctcnnancat	atncaggacc	tcctcnaaaa	120
catcaggana	aaangggggg	ctgggggggg	gnccnnnnna	nnccnnccnn	acnccngcna	180
nnccctnaanc	nnnnnnnnnn	nnnnnnnnnn	nnccnnnnnn	nnccnnccnn	nnccnnccnn	240
gnccnnnnna	ccnnccnnnn	cccaaccnnc	nnccnnccnn	cnccnnccnn	nnccnnccnn	300
cnccnnnnnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	360
ccnnccnncc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	420
cnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	480
ccnnccnnnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	540
cnacnaanna	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	600
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	660
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	720
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	780
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	840
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	900
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	960
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1020
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1080
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1140
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1200
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1260
nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1312

<210> 4737

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 4737

gtntttatnc	cngnnctctt	gttctttttg	caggatccct	cgnttcgaat	tcggcacgag	60
gnactaggct	cgcgnnntgt	ntntttntn	tntntgatat	tacnccatag	gtttngggtn	120
acnatnaatg	tttgcattnc	tnntnaaagc	ntagctctta	ctaancattc	tttaacaaaa	180
gctaataatc	nnnatatnat	ttgccatacc	gaaactatct	nencaaanaa	nactttannc	240
cantatnnna	agctnaagan	ttaganaaan	tacaaaacac	tgctatgagt	caatngaact	300
gctatcattg	aatttgctgc	atttanaatg	acataaacat	actgaacatc	aaaacaatgg	360
natggattta	ttctatanga	ctagccttaa	gaatgacata	canttngcga	nttcctttaa	420
aaatnatntt	ttacnacaga	ntccatttga	acnaagggtc	tttttttccc	ctcatttnan	480
gggaagacnn	tcnatgtttc	ccaaacnnat	cctccnttca	tactananta	gcaaactgtg	540
gcctcnatct	ccnnttccag	atgctactta	tanatnactt	ttgcataata	acttaaatta	600
gaattacttt	ncttggnaac	agtgtcacgg	ccataaaaatn	antccanttt	taaaaaaaca	660
nacttcaagn	gcaaattnta	gaaaacttcc	tttaaagaan	taccnaaccc	agccc	715

<210> 4738

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4738

nctaagtctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggctctg	180
gcaactgcag	ccaggccagg	atgccacccc	cgccctctac	acggccccct	ggggcctgcg	240
cccgtaaac	tgggtgccagg	gagcactgcc	agcttgccag	tttctgcccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaatg	ccccatgcgg	tgagaggatg	aggggagcct	420
acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtggagtgg	480
gcagaggtgc	aagagagggg	tgtactgaag	cttcttcccc	tcctgccaca	gacacttctc	540
ctgccttccc	accctgaccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctcctgtgcc	600
tcacccaggg	cctgacccca	gagtgggtccc	aacaacccgg	tctcatgccc	actccccatc	660
cctgcttncc	aaaaattgca	ctgtgtgcag	tttgcaacaa	agaatn		706

<210> 4739

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4739

nctaagtctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggctctg	180
gcaactgcag	ccaggccagg	atgccacccc	cgccctctac	acggccccct	ggggcctgcg	240
cccgtaaac	tgggtgccagg	gagcactgcc	agcttgccag	tttctgcccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaatg	ccccatgcgg	tgagaggatg	aggggagcct	420

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acgcctcagg catgtggtga gaggatgagg gggagggagc ccacgcctca ggtggagtgg 480
gcagaggtgc aagagagggg tgtactgaag cttcttcccc tcctgccaca gacacttctc 540
ctgccttccc accctgaccc ggcagaaccc accaagtgcc tgtgtgcagc ctctgtgcc 600
tcacccaggg cctgaccca gagtgggtccc aacaaccggg tctcatgccc actccccatc 660
cctgcttncc aaaaattgca ctgtgtgcag tttgcaacaa agaata 706

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<210> 4740

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1446)

<223> n = A,T,C or G

<400> 4740

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cgggntttaa aactnctaaa tanntgngct tccantaggn gaaaacgtgc acccttaaan 60
atatttnagn ccnnccctnna aaanatcagg gaaattatgg gggtcntttt ggggggnntc 120
tcagctntan tctnananta tntatanann ncnncnnann nntacanaag ctcaatatgn 180
natactnct ntacagtna ntatnacnca tantnncnat actacttcat cntcnacaan 240
ntccgcantn ncnanattat tntnttcttc ataatatcca ntatnntctn cattaatcan 300
ttcncatact tttactnate ncttntcttc ntctatactt ntccatncta ntctactnnc 360
ccttcctnnn aaatntantn ntnantnct caatacannc cnnctatcct tannnnnnnt 420
ccncatanac antnancctt actnccnnc acctttcnnc aataattctt anacntnana 480
cnctnnnnnt natncatana tcacntcntn ancttttnann atcntaccac nnannncttn 540
tactnctnan acnttatnt natcttntct natatacttc nacanatttc tcnttanttt 600
tactnanact attcancnta ctnatnatnt tctattcttc actnaanana tntntnct 660
caatntcata tntctctnt tntcttnt ctctactan tntnecatcat nctnatcta 720
acatntctct cntanannca ctcatnctt tattatnata nactntattn ttntaatac 780
tntantcnat ctctatctnt nctactncnn atcttnanct ntatatncta tatcatctac 840
tctnccant accntcctna acnntatcta ttanncacac atcatctnt ctanactntc 900
tctattntan cntaatctc ncnccatanac tngttntat cnctnnctnc tcantcctc 960
nncanactat actntatngc tnttanctac taatactctc tatectncnc tnnanantna 1020
acagtcactc tnatatanta tnttnttaca ctcanatcac ctctcnctta nantntcaca 1080
cacatnttat ntataatatn tccatatcac aagcatntac nctntacaca catntntanc 1140
tcatactcan ctctanntca ctccannat gactctcagt nctaccant nctcaattc 1200
aatcatnecn canctntnta tcacttenta attatatatn tcttaagtcc nanatgtnac 1260
taantgacta tntnaatctn tcatnntcta acntccatat cacatntcta ctatcaatat 1320
atacttanaa tctcaagtct ctanatcccc tcaacaccta cgntnctact atatatcatn 1380
ttnacntaca nnnntctata tntcacaac tatatntana nnttanntac nctgntntat 1440
nnanat 1446

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<210> 4741

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1446)

<223> n = A,T,C or G

<400> 4741

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cgggntttaa aactnctaaa tanntgngct tccantaggn gaaaacgtgc acccttaaan 60
atatttnagn ccnnccctnna aaanatcagg gaaattatgg gggtcntttt ggggggnntc 120

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tcagctntan	tcttananta	tntatanann	ncnnncnnann	mntacanaag	ctcaatatgn	180
natactnct	nttcacgtna	ntatnacnca	tantnnnat	actacttcat	cntcnacaan	240
ntccgcantn	ncnanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan	300
ttcncatact	tttactnatc	ncttntcttc	ntctatactt	ntccatncta	ntctactnnc	360
ccttctctnn	aaatntantn	ntnantnct	caatacannc	cnntcatcct	tannnnnnnt	420
ccncatanac	antnancctt	actncncnc	acctttcnnc	aataattctt	anacntnana	480
cnctnnnnnt	natncatana	tcacntctn	anccttnann	atcntaccac	nnannncttn	540
tactnctnan	acnttatnt	natcttntct	natatacttc	nacanatttc	tcnttanttt	600
tatcnanact	attcancnta	ctnatnatnt	tectattctc	actnaanana	tntntnnct	660
caatntcata	tntctctnt	tntctctnt	ctcntactan	tntncatcat	nctnatcta	720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nactntattn	ttntaataac	780
tntantcnat	ctctatctnt	ntcactncnn	atcttnanct	ntatatncta	tatcatctac	840
tctcncant	accntcctna	acnntatcta	ttanncacac	atcatctntt	ctanactntc	900
tctattntan	cntaatctnc	ncncatanac	tngttntat	cnctnnctnc	tcantcctc	960
nncanactat	actntatngc	tnntanctac	taatactctc	tatcctncnc	tnnanatnta	1020
acagtcactc	tnatatanta	tnntntnaca	ctcanatcac	ctctcncctt	nantntcaca	1080
cacatnttat	ntataatatn	tccatatcac	aagcatntac	nctntacaca	catnntantc	1140
tcatactcan	ctctanntca	cttcacnnat	gactctcagt	nctaccanct	nctcaattc	1200
aatcatnogn	canctntnta	tcacttctnt	attatatatn	tcttaagtcc	nanatgtnac	1260
taantgacta	tntnaatctn	tcatnntcta	acntccatat	cacatntcta	ctatcaatat	1320
atacttanaa	tctcaagtct	ctanatcccc	tcaacaccta	cgntnctact	atatatcatn	1380
ttnacntaca	nnnttctata	tnntcacaac	tatatntana	nnttanntac	nctgntntat	1440
nnanat						1446

<210> 4742

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 4742

tngtaccaat	tatctgctgg	ctanntagcc	taaanagntt	ggctcngggcg	aattcggcac	60
gagggnaaag	cagnaagtaa	tgagcttgtc	cgtcagctgg	tagctttcat	tcgtnaaaga	120
gataaaagag	tgtagggcga	tcgaaaactt	gtggaagaac	agaatgcaga	gaaggcgagg	180
aaagccgaan	agatgaggcg	gcagcagaag	ctaaagcagg	ccaaactggg	ggagcagtac	240
agagaacaga	gctggatgac	tatggccaat	ttggagaaag	agctccagga	gatggaggca	300
cggtagcaga	aggagtgttg	agatggatcg	gatgaaaatg	aaatggaaga	acatgaactc	360
aaagatgagg	aggatggtaa	agacagtgat	gaggccnagg	acgctgagct	ctatgatgac	420
ctttactgtc	cancatgtga	caaatcnttc	aagacanaaa	atggccatga	agaatcacga	480
gaagtanaan	aagcatcggg	aatgggtggc	cttgctaaaa	caacagctng	angangaacg	540
aagaaaattt	ttcaagacct	caaattgatt	gaaaatccat	tagatgacaa	ttcttgagga	600
agaaatgnga	aagatgcacc	aaaaacaana	agctttctac	acantnaaat	ccnannaact	660
ccatcctct	anaactatnn	gtgagtcctt	nttactntna	tccagacatg	antancnata	720
cnattgatgg	aacc					734

<210> 4743

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1226)

<223> n = A,T,C or G

<400> 4743

nnggggttna	cnccttctaaa	atntttnnct	tncnntgn	caaanggggg	cccctctnan	60
natnttcaga	nccncctnaa	aaanatccag	ggaanatttt	ggggggtctt	tttgggggnc	120
tcctttatna	ncnatccann	natatncatn	nttcnctcta	natgctnann	ncanatatat	180
tcaagatctt	cnctcnct	canctnntct	catanntact	taactnataa	tatcatatta	240
cactcntagt	cttntctacca	canccttnnc	tcattttaatn	acnccctaant	cactctattn	300
tnccntcatn	tanatttnnat	catcatncac	tcttntttnt	nttatctcta	netanancat	360
cntatatctt	tactcaanaa	ttatcnnnn	nnntantcna	tcaccnctca	taatnttntn	420
nnnnnnnttn	cctaanacct	ntactantnc	antctnann	cnctnnnn	nnntccntnc	480
tentntttnt	nnntantc	ntcnncnn	tcnnnttnt	ntnttanatc	anccatntc	540
ttgcnnattt	cnaccnann	catatccan	cctntanann	tacatcnct	nttctactnn	600
netncnntnt	ncctnnann	cttancat	atttantnt	ntnnanann	atattannnt	660
tcctnttnat	atntcttact	attcnctntc	cnatattcan	ttctatnacn	tcanntactc	720
annntnctta	tgntttatcc	tcttatctct	atctntcnca	naantctcta	cactnnnnnn	780
nttatctatc	ntctanact	cttactctat	atctntntat	ttatcactca	ttccacnctn	840
tcctcttntc	tcannatctat	ncactatcta	cctatatata	tcntattntn	cttataccnc	900
ctatatcttn	taatcattca	tanntaccaa	cntacatcat	tcncaccttn	tataccctcat	960
natctatnct	attctactct	acatacanct	catagtcant	antctatctc	anctccctcan	1020
catctcactc	nnnatccta	ntncantnta	tctatctctc	cnatctatat	tctacnctat	1080
acnacactac	netctcttna	tnnctctnt	atntcnntct	tantattntc	tctannntccn	1140
tatntatnct	catcnnaann	atatccatnn	ttgcncnann	cnannatctn	cnetctctct	1200
nttatctana	ctgntctntc	tacanc				1226

<210> 4744

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 4744

gnnnnnngagn	gggggnnttt	nnnnnnnaccg	aagaacnct	ggaaaccccn	ttgaattcaa	60
aaccatgnnc	acaagctact	tggtctntnga	gcaggaaccc	atcgactcgn	aanttnnccg	120
aggggaggag	gaccacnggc	gcccggncag	ccacacnng	aaatggggga	gcancgcncn	180
gggnaggggg	gcccancga	aaatgnngca	gnccgnaagg	anaaanacgc	aaggannnag	240
agcaggccca	acngnggnga	aagggaanag	cannagccgc	annngngggc	gnaacgccnc	300
gcacaaaaac	atgcggagca	agagcnccca	tggagaacng	anggggcccc	gcaaagnagc	360
gctagnncaa	gnnagnacgn	anaacnncna	ngngaangtg	gcngcangag	nacnacagaa	420
ancgactggg	nacccaaggc	cagccngaca	acnccancna	aanaccganc	tgnnangcng	480
cagagnanga	actgggatga	aacaaannag	gaaggcggt	ggcgaagagg	ncaactaggc	540
agcgaacaaa	accnccacca	agnggancaa	ggangccang	gngagacgcc	agacgcntnt	600
gcccagatca	ggaaacgaaa	gggacnnang	ncgacatcna	nancccnaga	agngaacagg	660
agnnnacgca	agccccncga	cnanagaagn	gagatgggct	gaacagnnna	nnatgtnatg	720
ngcagnnnaa	nagagngctc	aacgnnaa				747

<210> 4745

<211> 1064

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1064)
 <223> n = A,T,C or G

<400> 4745

cnttactaan	ngnntgctat	cgntctttcc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atttttgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccttc	ttactgcaaa	180
ccatgctgtg	ccttagggcc	cttctcatag	ntgttcctna	tggccatgac	tggaacaggg	240
atgcaacctn	ttntacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacaccngt	nnttcnnttc	tanntgccna	nancttcac	caatcngntc	annnnntnn	360
ctcactenna	cccancatc	cnannntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaacncat	caatnnnttt	nntnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tcncactntt	tcatactcnc	nattactctt	nnncntacn	ctcatcacat	acncnttaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtctctt	600
atcnnctnnn	aagncntnt	naatntntc	tctganacnc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggataactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	natcntttta	tanctcnnan	tntaacngtc	840
ntntctnna	tctntctntt	tccanactct	nnacntntc	tntntatnct	tnttcttct	900
ctntaatatc	nantcatctt	agtctcnnna	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttnttancat	annacnncac	1020
ctanatnant	cctctaannt	aacttcactt	nctntntact	annt		1064

<210> 4746
 <211> 1471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1471)
 <223> n = A,T,C or G

<400> 4746

ccccnngcac	acaangncnc	anannnnncan	cgannagagcg	ntgcagagac	agcgcgnnna	60
cncnnnnnca	cagccannca	nnngnnanca	cgacgnnngg	gcnggagnac	gnagannncnc	120
nnacacnnng	nnngnanaan	nacngnanac	acnnnnggna	cgengncnnc	gagnacnnng	180
accncagcga	nagnnncata	nnnngggggg	cnnnnagagg	gagatccgcg	cacagnattg	240
ggcantcctt	ttttgggnna	aaacccggnt	tgggagaaaa	aacccccatn	acgacagnga	300
gacagaggag	aganngcgcn	cnnngnaccc	agncaagtnc	gcgacgtccg	ancagccccg	360
acgcnggagc	gaggagcnta	gnaacnnncc	nccacnncnc	acgcnnnaan	acnnnnnnang	420
gggnggacga	tataagcacc	ganngncnca	nnatctcna	ntcannannn	ncacacncca	480
gcaanngcc	nnngcgncna	nnnaanncca	gnaacnnagg	cncnnanann	nnncanccnn	540
cnannnnngn	ggacnnnnnn	nnngnnnnnn	gcgcannancn	cccngnngng	nnngngacca	600
nncccgccnc	ncnnnnnnnaa	annnanannc	taacaaactn	nnnnnnnnnn	ncnengncng	660
cnnaagnacn	ncaggannnn	cannancan	ncncnannc	accnngncnc	cnnaannгаа	720
gnantcnnnc	gncanctnac	ngcancnnac	gnccangcnc	nacannancg	cnanancntg	780
ncgagacata	nncgacgaga	nncantngcn	nntnnncnta	ntntacannn	cgcccganag	840
cntcngacag	ncgntncgtc	gacagcntnn	cgcacacnnt	ggntgantcc	ngagncatat	900
agaatcagcg	nnnangcaga	cacnacnag	agnangncan	ctcnacgacg	anacaacatc	960
gcgngganc	annnnngnga	cgantccnaa	nnancagnng	nnctacgca	ganccccacc	1020
ncgaaannna	tncanctann	cagctngcna	nggacanaca	cgcgngnngg	cacaagacga	1080
gccagacngc	annacgcgng	ngccnactn	gnctcacgcc	acagaacann	ntacacnagc	1140
gccngcnaga	gncacacag	nggtnagana	nggncncgcn	cntnnatgcc	atngnaacca	1200

cgnagacgca	ccgagacatn	nnacaangcg	ctcgcgcaga	gncnanncnc	nagacggccg	1260
tatnagnagn	gagnacanc	nanngnnnga	gcagcnnnan	cgcanagnga	gagagcacnc	1320
agngganaca	cgccgtagac	cnnntcngg	ncgcncccgc	ncnggnagca	nntnnnnccn	1380
ntntagacan	ncagcgtgn	nngacatann	gnaccatcat	gtacncagcc	agcnnantag	1440
agntncncan	acggcagcna	gcagcacnnn	c			1471

<210> 4747

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(915)

<223> n = A,T,C or G

<400> 4747

cgaccagaac	ngcctngaaa	tcccacaaac	gaggagcaan	cgacgcgaag	acggcacgag	60
agcgcgaggg	aacgnccccg	ccattntnn	ccacgctggg	aagaccaaca	cccnccgag	120
cgcnanacag	cacccccacg	gcggangcaa	ncgangaccn	ncggacagca	cncacgggnc	180
gganccaggn	acgcncgcn	cnngngcncg	gaaccnggac	cagccaanag	cgcnctgng	240
ccngacngag	nncnccnaag	gncganaanc	ccgagcncgc	agaagaancc	ccggggaaacg	300
agcngacggg	anccgcaaaa	aggcacccnaa	gacacaaggc	gcaccacgag	gcncggaccg	360
ngncccngca	ngcccganag	ccaacacagg	ncannngnag	ngacgnacag	aaccggaaan	420
caacngccac	acaaaggngc	caaccgnacg	cnacnggggg	gccccnaca	gggnaaagac	480
ccaggaancc	aagngggccn	ggncnanccc	cnggaaanng	accnggcaan	nngggcnnga	540
agaaaaaacc	aaaggccnag	cgaancngaa	acccangcag	ccagagcacg	nanaggnaag	600
cggcaanaaa	ccgganaggc	cccaggangg	accgaaagna	ccngggngc	cccaangccc	660
aggcccaaaa	cgcncagaaa	aaggnnanna	accaaaggcc	cagngngccc	cgaancccn	720
nnncagcacc	nagganaacn	aganagaacc	gcgaccaacc	cnanaanncc	ggncaaaanna	780
canaanccat	ccncaggggn	gaaggancac	nngccnnncc	ncnanncaaa	nccaaagccn	840
ncacaaangg	ccacaggnc	anagcanncg	nacnaccgcc	anacaangcc	cagaanannc	900
ggggganngg	ngccg					915

<210> 4748

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4748

gtttannan	cagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
agaaggacgt	gccgtgccgc	tgggttctga	gccggagtgg	tcggtgggtg	ggatggaggc	120
gaccttggag	cagcacttgg	aagacacaat	gaagaatccc	tccattgttg	gagtcctgtg	180
cacagattca	caaggactta	atctgggttg	ccgcgggacc	ctgtcagatg	agcatgctgg	240
agtgatctct	gttctagccc	agcaagcagc	taagctaacc	tctgacccca	ctgatattcc	300
tgtggtgtgt	ctagaatnag	atnatgggaa	cattatgatc	cagaaacacg	atggcatnac	360
ggtggcagtg	cacaaaatgg	cctcttgatg	ctcatatctg	gtcttnanca	acctgtnttn	420
tgaantcgng	naccncnat	gtgnaaatcc	cctntntaac	ttctcaagnn	tcnccngttt	480
nggncnttct	tttaagggtg	cctttggggc	cttttctggg	gnaantttta	anaangcana	540
nnngcgnntt	ttaanagggc	tnttttnggc	ccccctntnt	tttnnaaaaa	atttttntnt	600
taaaaaaggg	gggattccnt	tnttttnnaa	aaaaanccaag	ggnnnccncc	gggggccaac	660

ntnnnggnat taanaaaaaat tttnggnngg tnatancaaa taaaantntt nttttgggan	720
ggaaaatttg naaaaaaannn nnnnnntnnn nnnnnntnnn nnnnnnnntn nnnnnnnnt	780
nnnannct	789

<210> 4749
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4749	
nnnnnnnnnn	10

<210> 4750
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4750	
gagaggnnnn ttttnaanat cagctacttg ttctttttgc nggatccctc gatttnaatt	60
cggcacgagg tcacacgggg ccacatctgc tgggtgcccg cgtgctcctc tgcagcaagc	120
ccagcctggc cattgctgga ggtcctggag cccacagtgc cttggcctta aagagctcac	180
ttgagaaaac gcttggttccg gtgggggtggg ggggtggattg aagactctga gacgagcagg	240
gaactcagaa cactgagtcc ctatttgatg ttaaaatatg accgttaaac ttctgggtaa	300
gataatgaat ggcactatgg ttataactgt ttctgttnta tgggctcttn cagagacgtg	360
aactggaaaa ggctctgcan tgtctgggat tcgctcaatg ctgcagggga gggcaggtgt	420
gaggggaatg gccctggagg gtgatggggc tggggcatcc gatgcagctt tatagttctg	480
taattaccac ttttaaactt tttattacga aaaatgtcaa ggacctgga attaccgtga	540
ggtaggcagg ataatgggcc cccaagatgc ccgtgttggtg acccccaaga cctttgtgag	600
tgccctacat ngggaaattg gcctangtca tcttgcan gcanggaag cccattggc	660
ccttaaagct tganancctt tctgctgga ntttganaga tgccngaanc annanaagnt	720
anaaacccct nggaagggcc ntacttct	749

<210> 4751
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 4751	
gntctcatnn tgnnaggctc ttgttctttt tgcaggatcc catcgattcg aattcggcac	60
gaggtgcgac gaaggagtag gtggtgggat ctcaccgtgg gtccgattag ccttttctct	120
gccttgcttg cttgagcttc agcggaattc gaaatggctg gcggtgaaggc tggaaaggac	180

tccggaaagg	ccaagacaaa	ggcgggtttcc	cgctcgcaga	gagccggctt	gcagttccca	240
gtggggcgta	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtggggcgcg	300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	360
gcaggaaatg	catcaaaaaga	cttaaaggta	aagcgtatta	cccctcgtca	cttgcaactt	420
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tgggtggtggn	480
gtcattccac	acatccacaa	atctctgatt	gggaagaaag	gacaacagaa	gactgtctaa	540
aggatgcctg	gattccttgt	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat	660
ttgacaagtt	tgggaagttaa	ttagctttcc	accaacccaa	tttctgct		708

<210> 4752

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4752

ggnttttnan	tctacanncn	actggctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggaacg	agcttntntg	gnctnnccgn	ctattntggn	atcagagnng	ctgggacagt	120
tgntgctnnc	ctnnntnacg	nnagnnttn	nangnatgat	ntctatgtgn	annacatcnn	180
gaannagnct	angaanaatg	ttgacnccan	tgtttnttnn	atgannactc	gaanatncat	240
atatgggnant	aaangcaaan	ctntannctt	gngannngng	nctagtatna	ctcacgcgcc	300
cngcnaagac	cctgctctnc	gcagnannat	acagtatgct	attctggact	tacngagtcn	360
gttcnagcat	aatggattcc	nttgccctgc	tacntgnnnc	aganaatctc	anntnctggt	420
naccaacctn	ncnangnnat	nnccctantt	acgcctcgan	agnatgtgat	atnntaannt	480
gaatnatana	tctgatgnac	tactgacagc	ttctngatgc	ctgctcagga	taatgcctgg	540
ngcatntgac	atcaatanca	acctngntnt	naggctctan	tccttgaang	actntgntaa	600
tgcntacaat	gnttataann	ttgnccatcc	acaatntgaa	aatcaggagc	ttgacngcgn	660
tatnggncaa	caactnctac	ngaacntagt	gaacattgga	tgaatatnnt	aaagcctggt	720
angcnnatat	tnggatn					737

<210> 4753

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4753

tgtacnaann	antgnggtng	ctcgtncctt	ctcnnaanan	nnnngcttgg	cgaattcggc	60
acgagggaaa	gaggggaagaa	agagaagctg	gttattttcta	gaggatgtcg	taatctacat	120
cacaggcaga	actgatggct	cagtggctga	gtggccagta	tattgtcttt	ttttttttga	180
gacaaggctc	cgttttgtca	cccgggctgg	agtgcagtgg	cgccatcttg	gcacaacctc	240
cacctcctgt	gttcaggaga	attgcttcaa	tctggaaggc	agaggttgca	gtgagattgc	300
accattgcat	tccagcctgg	gcaacaagag	ggaaactccg	tctcaaaaaa	aaaaataaaa	360
agtgcctttt	aggccggaaa	aaaaaaaaaa	aaaaaaaaaa	aaaactcgag	cctntanaac	420
tatagtgagt	cgtattacgt	agatccagac	atgataagat	ncattgatga	gtttggacaa	480
accacaanta	gaatgcagtg	aaaaaaatgc	tttatttgtg	aaatttgtga	tgctattgct	540
ttattttgtaa	ccattataag	ctgcaataaa	caagttaaca	acaacaattg	cnttcatttt	600

atgtttcagg	ttcaggggga	ggtgtgggag	ggtttttaat	ttccccggcc	gcgccaatgc	660
cttgggcccc	ggtacccanc	ttttgntncc	cttttagtnga	gggggttaa	tgcccccttt	720
ggcgtnaatc	atgggccata	acctggttnc	cngtgngaa	attgnttatt	ccgnnttcnn	780
aatttcccca	nanct					795

<210> 4754

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 4754

gagaggggnnn	tttcnaatgc	cagctacttg	ttctttttgc	nggatccctc	gatntnaatt	60
cggcncgagg	cncncnctgc	gctccgtgnc	tcaacanggc	atgccnntnt	ctnecgtacac	120
tatnnagnga	gattntntagg	gactatggtn	nagnanntcn	gtacntgnna	aaggggganc	180
tattgcatct	anaaaacttaa	tnatntaaaa	ttgactnatt	tagactagac	tcaagaatgt	240
atatgctntt	ggtaattagg	aactctngag	aatanaagget	gctgattgtt	gccatancat	300
gtntacaaaa	atngnatctc	tatgggatgt	actggcaant	gtgtcataaa	atgctnctgg	360
gttnattcat	ncattccata	agaaaacttaa	taccancnaa	tgcatataaa	ccnnngcnag	420
ttncatnaa	ctgtanctat	gnaacntttg	tttaaggatc	nntctgatgg	tcntntanga	480
gcnatcttag	ntctnagtca	ttggncnat	ccntntnctg	tgagtaccag	nacataccga	540
acttgntnnc	cctgcttcca	ctaantccag	ntgtgaccaa	aatctaacgt	gacatcatac	600
ganangttat	agacanaaga	ctantgagat	ctaananntc	ctgcnttnnn	gnnaaccenn	660
ctacaaaana	ntannatngn	gggaanaatn	ntnttnccct	ttggaccatt	tgncntcaa	720
atatnngcnn	ccngaataaa	nntnaaccnn	n			751

<210> 4755

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(963)

<223> n = A,T,C or G

<400> 4755

cnaannagtg	annngntcgc	cttgccnaac	nannnaggcg	ggggcgtctt	ggtntntctag	60
ccttttagaaa	aaaaaaatct	agtcttggtg	aagaaaatgt	tcattttta	caagctccag	120
tacagcttgt	gtcaagacct	agtaagacca	ccttttaatgt	gttcctggat	atgacattaa	180
aaactaactt	gaaaattgtt	aggatatttc	cttggtccct	actttttattg	taaaatctac	240
tacatnctta	agaattaaaa	aacgccattt	cagaagagat	gatagtttta	tcttgccaag	300
gaattatctt	cttagtagcc	tatatgggct	tattccaaaa	aaggcgtaa	cctccatcaa	360
aacatctnct	gcgcctctct	ctcagcatat	gctntgatnt	ttgaagngtg	naatagattg	420
gagctatcag	tcacttatct	cnaaaaaant	gtnttctntn	ttcttcatan	cctgtgaann	480
agggataccc	naggnaaagt	tcctttctgc	tgctctccct	ccttttgtaa	tgcttatcct	540
tatggaacca	ctnaacctgc	acaaaaccct	tcnccctaaa	aanccangnn	aanntggcca	600
anttcttnaa	ttangccanc	ttattttatc	ccnncnggnt	cattaaaccn	aatntcttag	660
gcctggctnt	gggggccttcg	ggggggcctt	ttnggccttg	cnnntngcnn	tnnttaaaant	720
ncaggccttn	cnanaaananc	anctctntnc	ntctaccgan	naanaaccct	ctcnanangg	780
nccctcttct	tcanaanaacn	cttcttnnagc	tcggagaggg	ncccgaccaa	tttnaaccgc	840
ttctntntnt	ccccnccggt	gtcacctttg	gcttttcnnc	nncantcnnc	catctttntg	900

cnnantnacn nnnnattnnt gngngcanac acaacaanncn cccaactcca cncctcntgtn 960
nan 963

<210> 4756

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4756

gttttaatnn	ntcagctctt	gttctttttg	caggatccca	tcgattcgca	agattgggct	60
atggaattgg	aaggcctgtt	ttggagtact	ctaaattaaa	aaaaagttat	atttgtaaaa	120
taaccaccac	aagattgcct	gattcacagt	tcttctgagt	attggcgtag	gtaattat	180
aagatgtttg	ataaattgta	aaatgctttt	tacatttttt	aaggaatcaa	ttgaactact	240
ggaaaccagt	atgtagtatt	cttggcaggt	ctaggtttca	taatccta	ttctttgcag	300
cccactat	agaaatgtag	tgattaacag	agtcaagaat	gtttcaggat	atttttggct	360
acaagtaaca	atacctaact	aaaagtgact	taaataataa	gcagtttggt	atttcacaga	420
atgagaagct	cagagccaga	gagttacagg	gttgggttcag	cagttcagtt	tcatcaagaa	480
cataagactt	gcttacttta	aagctcctct	gcattgtcagc	agagggctgc	cccaatttta	540
gataccaaca	tctggccaaa	gaagagcagg	gaatgcttct	ttaagtactt	attangggagc	600
aaaacttcct	taaaagtctc	ataggaggtt	tttccttagn	ctcattggat	ctcaatggct	660
cttgcatact	agaaaaaggc	cacattcctt	actctggcat	ttaagtt		707

<210> 4757

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4757

gttttaatnn	ntcagctctt	gttctttttg	caggatccca	tcgattcgca	agattgggct	60
atggaattgg	aaggcctgtt	ttggagtact	ctaaattaaa	aaaaagttat	atttgtaaaa	120
taaccaccac	aagattgcct	gattcacagt	tcttctgagt	attggcgtag	gtaattat	180
aagatgtttg	ataaattgta	aaatgctttt	tacatttttt	aaggaatcaa	ttgaactact	240
ggaaaccagt	atgtagtatt	cttggcaggt	ctaggtttca	taatccta	ttctttgcag	300
cccactat	agaaatgtag	tgattaacag	agtcaagaat	gtttcaggat	atttttggct	360
acaagtaaca	atacctaact	aaaagtgact	taaataataa	gcagtttggt	atttcacaga	420
atgagaagct	cagagccaga	gagttacagg	gttgggttcag	cagttcagtt	tcatcaagaa	480
cataagactt	gcttacttta	aagctcctct	gcattgtcagc	agagggctgc	cccaatttta	540
gataccaaca	tctggccaaa	gaagagcagg	gaatgcttct	ttaagtactt	attangggagc	600
aaaacttcct	taaaagtctc	ataggaggtt	tttccttagn	ctcattggat	ctcaatggct	660
cttgcatact	agaaaaaggc	cacattcctt	actctggcat	ttaagtt		707

<210> 4758

<211> 707

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 4758
 atgcggnccn aatnntnggc tactcgntct ttccgcaaga ncccngcgan tcgaattcgg 60
 cacgagattt gggagtnnta atatngacat tnctgngatg ctnatatatg taatgtctta 120
 attgagattn ctgtnanggc anaaataatt aggctagggc tcttagtttt cattcctatt 180
 gcccaagtnt tgtcaaacta tgggtataatt ttaatgttac tttaaaaatc catantctgc 240
 tagtttttgca tgtnccttata tgaaaacagt gcagtaagtt gaaaactcag tgtctatgga 300
 attgataaat gtcgatctgg tgtagtatat tttatcgcat ttnccttatat taaaaaatgt 360
 ctgcatgatt ncatttttatt tcctttgtaa tttacatttc agaatagtgt attgctatat 420
 ggggtgccaa attgaatatg aagaacccna gtgtttgtag tattatagtt ttaagcaaatt 480
 ctgtgtggng atacagccat nagantgggg cttatataaa ctctgaacat gtaagatttt 540
 gtacagagaa tcnttaactn tataaattgt atatgancat gtaaattctt taaaatgtac 600
 atnanatact gtatttcatt accttgtgtg tnatagtcta gtcattgcct gtnaatataa 660
 tttattacgt nntctgnage ataaacccat acatngatga cttannt 707

<210> 4759
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4759
 annncnntnn annantncnt nntnnnnatc nnnntctnnn tncntntnna tttaannttt 60
 tatannnnnn tntnannnnn antnntaatn atgttnntct aatgnnggct nctactcttg 120
 ntgnttgctgc agtaccnng gattcnaata cggcacgagg caagtccag tgaaccacaa 180
 gtatggcaaa ncttatccaa ttttatgctn ggggcagtca gnacatacca gtttctgatg 240
 tttcaggcat gagtggggta aataagtgtg accacttaa gctgntcgtt agcatggaag 300
 acttctccat tctatctttg naaaacagac aanatatgca cttgacatat tagcaaatng 360
 gtncatgaatt atncaactgt ttgctattta ntaactagc aatgatgca tgtattntgt 420
 ttttcatgtn ctgggcaata tgagtaaaat ctgtcccttt tccccctnt gaatgaggtc 480
 tnnatgntt gangnaaagt nttgcactat ngcatatant nnggggacac agattttcat 540
 aatntccatt ttttgggggc ttaaggattt nttttttcn ntgtgaaaca gtnataannc 600
 ttanncnata tnatancctn aaatatntac caggaaaant cttttttgga nttttcaaag 660
 ccttnnatta antctanttt ttaaagaaan cncntatgtt atattntna aaaggttntt 720
 ttcccccaa nccttanttt tacctgnnaa nncttgnttn cccntttaat antatnttta 780
 ccaaantncc cnatttcng ganaatntnn cccttccnt nccttgaaaa acattgtttt 840
 nc 842

<210> 4760
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(843)
 <223> n = A,T,C or G

<400> 4760

tgancatcatn	tctcaagnag	nctanatngc	cctaacnaga	atngngctng	gggnaattcg	60
gcacgagcta	gcagtaggna	acaaagtata	anaatgacag	cagatgtgtg	gncanaaatt	120
attcanggcn	naagacantn	gaactgaaaa	nnaaagtagg	tcaatctaga	attctataacc	180
caacacaaat	atccttcaaa	aatgaagggtg	aaataaacac	tttttgatgg	acaaactgaa	240
ggtgagagaa	ttcgtnacca	gcagacctgt	agtacaaaaa	atggtgaggc	aagtttttta	300
ggcnnaanaa	aaatgatact	anatagaaat	ttgggctnca	caaaggantg	aagaggcttn	360
caaatggtnn	nattatntgg	aancatatga	aagtnatctt	ttctcattnt	caatcccttt	420
tgagaaactg	cttaaagcaa	naatatnnac	naggtactat	gnagncttaa	naacatacat	480
anaancaaaa	tgtatgacaa	aaactactaa	agttnnccan	gantnntggg	gtgtgcctgn	540
ngcncngcn	tgtcttgtnn	ggctnanatg	gggacgatnc	attctnacc	gagcccnnat	600
angtcctaac	ctnntntgan	ctgttgantg	gtntcactca	cncctctctg	ggctacacan	660
ntngaccctn	tcctgnaanc	caaanccctt	ctcaaccttc	cncctttctt	cnnanctntt	720
anctgnannn	tccttatnnc	ncctctnant	ccccccacct	tcctccgnat	cncctctcct	780
gcancctttt	gtctcncanc	ctcccaacnn	tnngnnaatt	tcctcactgn	canacacann	840
nct						843

<210> 4761

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4761

gntnttnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240
ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcacccag	gctggagtga	agtgggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aattttttaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatagaactt	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagcccat	540
gnttttatta	ttttttaaag	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt	718

<210> 4762

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4762

gntnttnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240

ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcaccag	gctggagtga	agtgggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aatttttaaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatgaactt	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagccatt	540
gnttttatta	ttttttaaag	gtttattttt	aggtgaagt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt	718

<210> 4763

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4763

gttannccctt	tcnaatgctn	ggctacttgt	tcttttttgc	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgcen	gananntaat	gngnngngnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatattct	gagnnnnncan	gngcgccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatgagtan	ctactagagg	natgcatngc	300
gtgtaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggntnnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgntctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cncagaggtt	ggaaataatg	ccaanangcn	600
tnggtnatta	gnttcncaca	tgtanngtta	ggttttttgg	actnntgcna	ngcttactan	660
ttgggggggaa	gaagaattca	gaagccntgg	aaaggtnggt	cngaanttaa	ngaaatngta	720
aaanaaagct	tggnaaantt	ttacccttgg	caaggatngn	ntngccnn		768

<210> 4764

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4764

gttannccctt	tcnaatgctn	ggctacttgt	tcttttttgc	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgcen	gananntaat	gngnngngnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatattct	gagnnnnncan	gngcgccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatgagtan	ctactagagg	natgcatngc	300
gtgtaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggntnnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgntctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cncagaggtt	ggaaataatg	ccaanangcn	600
tnggtnatta	gnttcncaca	tgtanngtta	ggttttttgg	actnntgcna	ngcttactan	660

ttgggggggaa	gaagaattca	gaagccntgg	aaaggtnnggt	cngaanttaa	ngaaatngta	720
aaanaaaagct	tggnaaantt	ttacccttgg	caaggatngn	ntngccnn		768

<210> 4765
 <211> 1475
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1475)
 <223> n = A,T,C or G

<400> 4765	
actaactatc ncacacnncn acgccnaaaa tngccnaacn cnnnnnaaag ctnggggncn	60
anacctncac cacncancac ccaaaaanaac aancnaaaca acaacagncc cctcncacct	120
nnannccnnc ccncataant acancctccc natagctntc acccacacan cacacnccnt	180
caacccccan cancctcccn acnccccacc caacccaaan acntnacnta annccacccc	240
cacnaaanac cennncaaca cnnacnacac cncncanncc tcacnccaac ccnccccacc	300
nccncaaccn ancnccttan canacccacc cncaccccccc ccccaaacnc aancncnncan	360
cnncnacnan anctcaaccc nnaccacccc ccncaccaa caccctccan accccanacc	420
cctnanaccc ccncaaccnn ccacacncat cacnnncaca acatntacnn cntcacncan	480
caanacnaac acccacnca cacnnacacn cacatcannn natggnctca caccactca	540
ntntaccaan ctaacaacca cacccatacg ntatencaca canccccaca acnnacatc	600
acaccancc ntcnnnaacc cacnacacn acacatcca tacanccanc ncacancaca	660
ccaannncca ncaaaaaccn acacaacaca nannccaca cactctctnt ancnnacact	720
ctaataatcnc ntaaacaatna cncnnaacc cacactaccn caaccatnat nccatacacn	780
cacacanaca catcacaacn cncnccntnt cantctncac ctacacacna tnnacanaa	840
cnnaccacc ctnntaachna acacannntn cacnacncac accaccacat acaccaaca	900
netccctcnc tcncnncaca ccacaccacc aaaatcacc nnnacaactn tncnctnaa	960
tncnnaatc nctccaccac naatnntanc cnacacncnc annctctcac aacactctcn	1020
cacanatant ctntcctct ngantcacac ancannacaa ctnncccaca tctcacannn	1080
cnntanntna cctntcnanc caccacacat cacacacctc acannnccta cntcacnacc	1140
anccacacca cnaaacccca atncnctctc canacacac acnanacnnn cctcannnca	1200
tcnacncaca tncatcacca ccnaccacnn aacacctnct cactacaaca cncancnatc	1260
accnacncc atcacacacc acncacanca caccctcacc acccaanntc acacactnct	1320
ctccccnctc tctccaccn ncnncaaten nncacacacn nccccaccac accctctacn	1380
ncnctacnn tatctatcac caccanacnc acacatatte atnnncacac ntcacctntt	1440
annaacttca cacaactatc natncnennn tncct	1475

<210> 4766
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (798)
 <223> n = A,T,C or G

<400> 4766	
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tgtntaaant gganagtctn tnatnatcgg tatgaaccn tnaaggagcc atgtntaccg	120
gnctagctat actngnccnn gggaagnccc tgctgtgtg nantnccntn ctgggatnct	180
tnaanagnaa acnnnacgct ctncanatt cntnagatgc ncagntagct tatnagnat	240
gggattgcca nntgnnccat ctncgtctcn anggnctncc anngcacnng tttnnncgac	300

naacnggncc	nctgtgtaaa	tagnaggcng	agaaatgata	cnntgctgtg	gaannaccaa	360
ccnactatgg	accngaaact	tgctggcnaa	atnaattatc	tncnacaaac	ngnaangtgg	420
ctcngagatt	gatngttggc	tataatatng	aagccctgc	cctgtgacnn	tgatnctagt	480
gattattgca	tgntcctca	tctgtatant	gaaanncatc	tnattaggna	nagngtttng	540
anacntttng	aaaggnctta	ctggnaattt	acnttanaat	tnnttnccat	tgctccgacca	600
caaanttnca	agnttttccn	gncacatttn	nmacttaan	ggcccnggna	cctggaagng	660
ctttgaaaag	gcgcctttta	aaannnggat	ttagccngnt	tnatttancc	cnttttanaa	720
acnggnnttc	aggnccncca	attncnngaa	anntaacctt	tagncctttt	tnaaaacttt	780
ttggggnggt	cngnmatc					798

<210> 4767

<211> 1861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1861)

<223> n = A,T,C or G

<400> 4767

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tncngccnna	gnntannnnn	nggntnggag	nttngggngn	nnnctancnc	tatanccnnn	120
nacnnagggg	ggggnctttn	tnnttccttt	tntctctcnn	ngtgntnttc	tnngnccntt	180
tncncnntnn	cantctnnnc	ctcacgtntt	tnngttcncn	ccnnantncn	nnnccgncca	240
tcctttnttt	ccnncccttn	cttctnttnc	aancactntn	natatgccnt	atatactcnn	300
ncncgncnac	nctatnncta	tencctnnnn	tctnctctac	nnnctcagta	nttnnctctn	360
nnngnctnnc	tanctnctgn	gtctcncatc	atatactcgc	acgtnnnccat	tannccctcca	420
gtctctnnct	ctnactctna	nnnangtctn	tccgtctntt	cnaannctc	tnntnctctat	480
ctnnattang	tnacgntctt	gnncncttct	acangagnnt	atgncncttt	tgtnctctct	540
nnactctngc	nncacgactt	cnnatntctc	nattnacang	ntcactgcta	actcanctnn	600
atntctctct	ncnnnagcga	acgatnttct	cannanacag	cctntctgcn	nananacntc	660
gcncntcgtt	tagngcgatc	tnncagttta	ttcttnatcc	tcgtnttgta	ntatntntan	720
gaatacatna	tctnccangc	nncacttanc	anntnncatg	acnactntgc	tctctgntan	780
cacanangct	ttcnnngctn	tcttacgann	ntgcnngegc	anactntgac	tnctctnatgt	840
cgtctctcat	nnatattttn	tnnacatanc	tnnctntctc	ctncantntt	gnctancctg	900
ntgattctct	atatngctca	ctntnccat	acannnttgn	anacnattgt	nactcaangt	960
cntcgnnnan	nttctacgct	cncnttgacn	ttccaatang	ganatntctn	tnccacnnct	1020
gtntatncca	ngtctctgan	cggannatan	atcnnnatat	cgcacgacng	cnaannnatan	1080
tctctcagcg	natactcctc	ngnnctctaa	ncncanactg	ctattcnant	agnncnctn	1140
tctctatncc	cncctctctn	tacannattn	ggnttnnnct	gctancnntn	tcgnctctnn	1200
ttnnntatan	nntnnagctc	acnnncnctg	cgcacatntt	acntcatncn	nngtctccat	1260
anacatntac	tnctatnaa	ngtaccctnt	ntctctcgan	anncnnnatn	nattgntcat	1320
nanatcanaa	atntnnacnt	ctctgatgac	gcntctcant	atactgncac	tcttcnnatt	1380
attatnnagt	tcattgattct	ntctctcana	naannctcgn	cnnnnctctc	tnaccatntc	1440
nancgntagt	gncatgcanc	tanntcncca	cntntatntg	cgcacacatn	tactctatng	1500
atctccttga	nctatntnan	gnatnatctn	tnncnccnat	ntcncgtgnt	antcnancnc	1560
anacatnccg	tctcatctan	agtctcttan	ganccnggna	cananctctc	acanaagatn	1620
nntagcctat	taatatgana	nttctctcna	nttctctnnn	nnccctatnt	atannncag	1680
nanngactcn	cgacatntna	tcatntctnt	cncnaacnct	nttctannng	tnntaatctt	1740
gnannctcgt	antcnnnnca	nttcnntntc	atgcacattg	cgcannntct	ntncatcaaa	1800
acatactnta	tnctnagacg	actnnagctn	cnatactctc	tcnnctnnan	ctngccnctn	1860
t						1861

<210> 4768

<211> 1522

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1522)
 <223> n = A,T,C or G

<400> 4768

ctnttaactn	ctaatacttc	ttcntggcna	cggencttan	tatgngccnc	tnaaaatcng	60
aataggggtc	tnggggggnc	tactcnaccn	nnncncnnc	gncctnatna	nnncctnaag	120
nntgnccttc	engcncttaa	ntccnccctc	caccnnentn	nccgncgngg	ttttcncccc	180
tctnccctcc	ttncctatn	ctcttncccn	tcctctctct	ntccccccnt	tntcnatntn	240
cntccctcnt	nccntatctc	nccctcccn	ccccccanc	catecttttc	tnnctcccn	300
cnctctcnn	tnccctcacc	tttntccnn	tcnnnttct	ccctcacnnc	cncnancct	360
acatcnctc	tcttncnct	tnttctcnc	ttnnacactc	tctatcattt	atcctccan	420
ntantnttna	tccnnncta	cctnnntcta	cctttccnca	nanntcttca	tctttccctc	480
tactccata	nctnacctna	tccnacttc	tntaatctct	tcnntcactn	ctcnctcact	540
ctcttntctc	tcnnccannn	nttcacactn	tnntnnnctn	tcctntcnan	ntcnttcatn	600
ctcanenctc	ctctntntn	tnttctctnt	ntccccntac	nnccctcccta	tcnctctnnc	660
cncatcnac	tcctctctnt	netcaccctc	ctnetctenc	cntttatanc	acncttacnn	720
ctcnctnnn	cncnntctca	ctcactngct	ccatenctcn	ttntatanat	ccccnctctn	780
tctgatctct	cncctnactt	ccncanactc	tactnacttn	tctncactnt	ctancctctt	840
ctctcanct	ctcgananc	ntntcncann	tcantnccna	ncttntatac	cancgncntc	900
tacctntntc	cctcacnacc	ttctctccc	ttcgnatcan	ctcncnccnt	nctnctcaca	960
ctnnctcact	nactcatnnc	tntnnatctc	nncttantcn	cncncnctnt	cactctctca	1020
natactntct	nntctatctt	ctntcantct	tntcttncnc	actatncact	ccccctnna	1080
tctaccctct	cacctatnctn	tnnaatccnc	tcagntacnn	tctacatcat	tnccntccat	1140
ctctgctna	cantntcnc	acatctctct	ctnnnnnccn	ttnactcct	ctcncnccct	1200
cctantctat	cacntccatn	tcnctctctc	tcnnaactta	cncntnccct	cnactnntca	1260
nccccnctta	tccatctcnc	cnntctatct	accncaacta	ctctctccct	accnncnttt	1320
cntcctntn	tctncttcac	atcantctac	tactctncc	tntnctctat	nntcttntct	1380
ttctnaccat	tatcncnctc	ctctnnccct	nncnntctta	tntctnttac	atcctccnt	1440
cacttactct	cacnncnctt	nccctctacc	tctctcacc	tctactctc	nttntctcnn	1500
catactannc	tctcncatc	ct				1522

<210> 4769
 <211> 1411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1411)
 <223> n = A,T,C or G

<400> 4769

ccncancccc	ccnnnnnaac	ccnnnnccnn	nnnnccnnc	cnncnannnn	nnnnncannn	60
ancannannn	nnnnncnnnn	nnnnnnancn	ncnnncnnnn	nnncncnnc	nnnnncntn	120
nnnnncnnnn	nnnnnnccnn	nnccannccc	cnnnnnncc	cnnnnnnccc	nnnnnnntn	180
ccancntann	nntncnnanc	nnncnnnnnn	nnnnnnaaaa	agaagaagg	nnnnncnnnn	240
nnnnnnnnna	anagaaacnn	acnnggggnc	gcgnnggggn	cncgnttttt	tccttaaaaa	300
annaggaccc	ttggggcgna	cannngcctc	acncatcgct	nnnganaca	cgagacnttg	360
cggnngnnga	tttttnnaaa	naccgantnc	cncatacnna	cnacgcncnn	ncgnnnnaaaa	420
nnccnnannn	angnangtan	nnnncgaacc	ccnnnnnaaa	ncancnctn	agnaagnncc	480
anncagcact	cgctgcggta	cctnccncag	ccgncgnncc	aatcaccnac	ngntnnnacc	540

ancnctcnan	gaccagctaa	acctccanan	agccactctg	ancctcctac	ctntnnagac	600
cacngaacnn	attcnancag	gaencannnn	cctcaacacn	acnateccct	cactgnnccc	660
cctcccagac	aaanncannt	cntnnaagcg	ccatcncccn	nnanancnnn	natecnannc	720
annttcntan	ccccatantc	ccccacacac	cccccnngnc	gnncantnac	nnnaacannc	780
nccgtagccc	cnntcctnaa	ccancctanc	atannacctc	tnennnccct	ctctgncncc	840
cacaacnmat	nantncaaa	caanncnnc	ncancacnta	anncnncnnc	ccacaacncc	900
cncgncgaac	atncccnca	cnnagnaccc	acacataana	naccnncacc	cnactnatat	960
atccacaanc	naancnntn	nnnnccaana	ancccnmat	caacancacn	acnaacannt	1020
cncncntac	mntatcnann	atcannnnca	cccnccctt	annannnnnn	nntnacancg	1080
tanaaaacgn	ganaacnnca	nnncnntcta	acctnnaanc	cacnncncnc	acnncnnanta	1140
nccctccngn	anncnnnncan	ccnnacccnc	cttnanncn	ncccccttna	anacnantca	1200
ncncnacanc	cnnncnnanc	gaencantaa	nncccaatca	nctaaaaacnn	ctctcncnna	1260
ncnaacacat	cnannacgan	cntccnacac	atncacganc	ncnannaant	cnacncanan	1320
angcntcnac	ntatctnnaa	acnnaannat	nctcactanc	acacaaatct	nncacnanta	1380
anancnnc	cgnaatcanc	aanataccnc	c			1411

<210> 4770

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1349)

<223> n = A, T, C or G

<400> 4770

ncctntaaaa	tnnnaaaact	nnctttgggc	naaaacnnc	ccctcaaaca	tattcagacc	60
cccttaaaac	atcagggann	ntatggggnt	cttntngggg	gcnntnnnc	antntcatat	120
cnatacana	nncccntnt	ctacacatcn	ctntctactt	annantctn	nnctcatcnc	180
tgnnnnctat	anntatctnc	tcccaactccc	ctaactcacc	tctcncnncn	nctcctctta	240
ccancntat	accncancac	ccaacacncn	accnccnacc	tancacctat	canntcctca	300
nattctccct	ntctccctt	ccctcctctc	attcctcccn	canctcnana	ccnncnnncac	360
ctcattctac	tacacncncc	nctccctct	ccnncacnc	tctccatcct	nncncccncc	420
nccttcccn	ttntcncct	cctannncaa	cactccacna	caccnctcn	tctcctcact	480
cctaactcnc	ancncannc	tcantccan	actntcctna	cataactacc	ccactentac	540
nctctncatc	cacctcann	tcacncatcc	actctcntnt	cnetctcttn	nnacctcnca	600
tcnntctnac	acctctnccc	cttctcnttc	taccattcac	tctactctn	nctnnctcac	660
tctctcattt	cntcnacct	ncatcactcn	ttccnntacc	ctatcnctct	ntatctntca	720
ccatatacnc	actcncgcac	actctancta	cnetctacct	atactntcnt	ctcatcacta	780
natntntacn	tctctcnacn	cttannnctc	nactacncac	tctcttctcc	actncancnt	840
anacacactc	cctactncac	ctcacatatn	tnctctcncn	ntcatnatac	ctctnnatnt	900
antcctctc	tncnncacnn	tntncctcac	acacactntc	tcacactnac	nctctctctc	960
tctntctcc	tctcncnct	atanacctnn	cactctcant	cancctact	accnctcttc	1020
tctcctnctc	cnetntcttc	nanatnnnc	nctctacacn	ccacttacan	naccacacat	1080
cactcctnca	ccctncaten	ntcncttcac	tanntaccac	nncactcnca	natctccntn	1140
tctntnctc	nntnacnct	caccatcntn	tctnctcnc	tcacntctn	ccactctcac	1200
ctctttcana	accatactcn	ntntccactc	cnccttcanc	ctcctccacc	nacatacccc	1260
nncacncac	tnacnctcc	annccacatt	cnacacntcc	ntcnncct	tcctttcncn	1320
tctncccc	tntctncac	cccttccn				1349

<210> 4771

<211> 791

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4771
 gnnttttagan nnnncngccnc ttgtttctttt tgcaggatcc ctcgattcga attcgggcacg 60
 aggttatggt gggaggagcc gatactgagc ttcttctctat ttgccatggg cttcactgta 120
 taaataggag aggatgagag ccagaggta acagaacagc ttcagggttat cgaaataaca 180
 atgttaagga aactcttata tcagtcatgc ataaatatgc agtgatatgg cagaagacac 240
 cagagcagat gcagagagcc attttgtgaa tggattggat tatttaataa cattacctta 300
 ctgtggagga aggattgtaa aaaaaatgcc tttgagacag tttcttagct ttttaattgt 360
 tgtttctttc tagtggtctt tgtaagagt tagaagcatt ccttctttga taatgttaaa 420
 tttgtaagtt tcagggtgaca tgtgaaacct tttttaagat ttttctcaa gttttgaaaa 480
 gctattagcc aggatcatgg tgtaataaga cataacgttt ttccttttaa aaaatttaag 540
 tgcggtgtgta gagttaanaa gctgttgtca tttatgattt aataaaataa ttctaaaaaa 600
 aaaaaannnn nnaaaaaaac tngagcctnt anaactttag ngagtcggnn ttacntnnat 660
 cccggacctg gntaaggata ccattggntg aantttgggc caaaccccca annttgnaat 720
 gcctnggnaa aaaaaatgcc ttnatttttg ggaaaatttt ggggaaggcn nttnggnttt 780
 aatttnggna n 791

<210> 4772
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4772
 cggtttnaga atcnancnct acttgttctt tttgcaggat ccctcgatgn ngaattcggc 60
 acgaggntac ntgcaatnac catnntggna tcagtncaact anngectctc ntagaaaaaa 120
 ggggaccnag agacnggtnt tcacatntc gcccatgeng gtctcacact cctgagctca 180
 ngccatccna ctncctnnan ctaccaaagt gnttccgtna nagncnaact catttttnatt 240
 caatggccat ngntctnnc acncnattga natntnagcn naccntannn cagttntcan 300
 ataccacntg gcgnatnnan aacccngga tgcnggaccn tngtgaacca natgctnana 360
 tgccattcaa tcaggaagat gccaaaaatg nntctnnttat tntaanataa gtacttaagt 420
 nancantatt cagaantgac nntctcatan ggaagcntnn ttatctnctt nmatnanna 480
 nattgttana atcnttnccn ntaatccacc ttnatnnnta cccntttgtt tattaaggca 540
 aaagattncn nttatccnnc tannaatgct tcatgaaatc naanntaata tttnttnaag 600
 ctantntcca ccattanttn nnnntgtaca tttntaatn tgnaannccn atcttgatn 660
 aaagaacct aatnnccaan nnttctnnaa tnatgnttnn attccacctt tanncnatat 720
 annccnaact tntcttntct tttnttcnc 750

<210> 4773
 <211> 979
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(979)
 <223> n = A,T,C or G

<400> 4773

gtaccnattn	atgtgctant	ctgctcnttc	tttntgcaat	atcccatcga	ttcgaatnng	60
gnacgagcen	ncctggtcnc	tgncaggatt	gacnnattgn	tagctntttc	tagannnnngn	120
gnatgggtgt	gcatggccga	gtcttagtat	ggtggagcgg	atcatgaaag	cccagncact	180
tgngggacaa	ctncacccatg	ggctatatga	nggccaaaaa	ncacctggag	atcaaccctg	240
nccaccccat	tgtggagacg	ctgcgncaga	aggctgaggg	cgncaagaat	gataaggmag	300
nnaaggteet	gntnntgctg	ctgctngaen	ccgnnctggt	atctctctggc	tnnnccnntn	360
aggntcccca	taccactcn	aaccgcatct	atngcatgat	caagctannt	ctnngtattg	420
ntgantatna	nnctgncacc	ananganccc	acnncttgca	actnctgatn	agatcccntt	480
tntcnnggc	nacgangatn	catttnntcc	tngaanaagt	ccatntagtc	actttncenn	540
tccnntntcn	aacctnttc	ttccctanan	cttacntttt	ccnnatcntn	cctcnnccatc	600
tcgncnatte	ncncatctn	cncccentcc	tcctctcenn	tgnnnctatc	tnncccnccc	660
ccnctcnntt	tntctnattn	taettctccc	tctctctcnc	ntnnncattt	tctancctct	720
cntncnntnc	tnttactnnn	ctcncntact	acntcactcn	netccttact	cttnnncnant	780
nnnnctctnc	ctntnnctc	netcncenn	tcactnancn	ctcntnntnn	ntcnntcnac	840
cncntnctc	nanctcannn	nctnnntnca	tcacatann	ctntctcncc	ttaantnnct	900
ntctctctct	cncnctntn	cncnnctcan	tcttctcnc	tctctntcnn	tctctntnct	960
ntcacntcc	tntctctct					979

<210> 4774

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4774

nntaaatcan	ctcttgncct	tttgcaggat	ccctcgattc	gngnnnangt	cgagnacntt	60
cntagggggc	ctnantctaa	tangngcctt	ntgncgtgca	tgatngncaa	ttganaagna	120
nttnantanc	ncatttagaa	tctantgact	agcctcctct	ctggtnngctg	gtggcattna	180
nggttcanac	cancntaan	tgctgggtgct	gtnnaanang	tctcacgtgg	ctgcntgtcn	240
tggctcatgc	ctgtntntccc	aacattctnn	naggeccacn	cngtagaacn	gctngagncc	300
angagtncag	aatcagcctg	cgcaacatnn	caatactecn	tntcataaaa	attcataaat	360
aacangtctc	acgtgaccaa	nggctcctga	agctagaacc	angtttgat	acaagattga	420
agatccacan	gccantcttg	cntctgagcc	ntnnngccta	ntngngncat	gtntnnnaat	480
tgntcanggc	nagagcnnnc	nntntngcnt	natacnggaa	ngncngctta	attngcnnnn	540
nttcagtcca	aatnnnatac	tntngggacn	ntaacntgcn	ctatnctnta	tnnccagaga	600
ctacngtctt	antcatccan	naaatgancg	atngntnatt	attcccatgg	cacctntatn	660
naaatccaga	gttctctgca	gnctttnnngc	tntttatatg	tgtnccaa	nttaaaccnt	720
nataattatt	gggcntctga	n				741

<210> 4775

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4775

aatcngctgc	ttgctactcg	tgcnatcccc	tcgattcgaa	ttcggcacga	gactttatga	60
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gaagaatctt actgaaaatc aagaagctct tgcaaaagaa atgogagcag atgcagatgc 120
ctatagacga aaagtggatc ttgaagaaca catgtttcat aagctgatag aagcaggtga 180
aaccagagc cagaaaactc agaagtggaa ggaagctgaa ggaaaagagt tccgtttgag 240
atcagcaaag aaagcttctg ctctttcaga tgcgtctaga aagtggtttt taaagcaaga 300
gataaatgcy gctgtagaac atgctgaaaa tccatgtcat aaagaagaac ccaggttcca 360
aaatgaacag gactcaagct gtttgcctag aacctcacia ttaaatgact ctctgaaat 420
ggatccctca acacagattt ctttaaatag aagagcagta gaatgggaca ccacgggaca 480
gaatcttatt aagaaagtga gaaatcttcg ccagagactc actgccggg ctcgtcacag 540
atgtcaaacc cctcatcttt tggctgcata gaatgcatgt caccttgaga cggctganag 600
agagacctat tttgcaatca gtgacattga tttttagatt atttatttaa aattcctatn 660
aagatcagcc ctttgtacag aaaaatgtgt ctataaaaat tatgtgttat t 711

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<210> 4776

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4776

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tccccatttt gaatnnancn agctacttgt tctttttgca ggatcccatc tattngggng 60
nannctttnt tgnnaatncn ggtacgnnnc tatgnatcan gactgnactt nggtanctnn 120
cttggcccnt acagnngnaa ngaangatgg gctgggtgat tggcccacct gggagcaaca 180
tggggcanng ggagccctca ccctnagcca nccagacgag tgggatttnc ccagnacan 240
nataccccct tcacaaangg accactnaag tgcttcatta agcaagtcct ggatcctgtg 300
cccnccaact ggggtgagaca ccccaatggg tcacntaca ccttatacaa naggatttta 360
ctggcatnan gtgggtgccc ctcaangaca nagatcccan agganngagt ggggtctnat 420
ctttgctgtt ntccatcac tctttggtga catnttcagg tntgggaggg acccagatta 480
gtattggctt tgaangaaat tcccannnat antgcannta tncctnncat aagatgggtgc 540
ctanacttgn ttataagngn ataacantna ngctacacc naacnttcan cccntaaaaa 600
attnccttan cnaaaanncc tcaatntttn aaagggctcna ctgcttncnc tttacaagga 660
atctnantgn tggnnntaacn anacnttctt tgtaaanatt ganntaaacn gggntnttng 720
tatntatann tcctnctnta acnantcctn tgatnaaang ggnttctatn taatcggtgn 780
ttctgcatcn taaccttctc naanaaanng tattctctnc taatntcanc cncntttnta 840
ancnnngtca anacgcgg 858

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<210> 4777

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (999)

<223> n = A,T,C or G

<400> 4777

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ccnccnccnn nnnnnnnnnn cnnnnnnnna nnnnnnnnnn nnnnnnnnnn nncnnnnnnn 60
nnnnnnnnnn annnnnnnnn nnnnnnnnann nnnnnnnann nnnacnnnnn cannnnnnnn 120
annnnnnnncn nagnnnnnncn cncgnnnnnn nnannannngn gnacnccnnn tanancnnnn 180
nnnccnnnnn nnnngnnnctg ncnnencttt tcnaaaagct ggtcctcngc nactnnncag 240
gcagcccnnc gattcagaat tcggcacgta ggccaagtat gcagtgtnaa cggctgnnag 300
nntcgagaac cngagtgtgn gctctcctng nngaccnaga ncgangcgag agtccaagn 360

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anganatgan	tgngacctgc	atggganaag	gncaggngga	tatcatggag	agcgtgaana	420
nccggtctga	aanganacag	gggtgccacc	cangtgccag	agatgcgaag	naaccaatan	480
agcaggggan	gggncaagn	nnnancgaac	ngaagagcan	nnaacggnnn	anangnnaag	540
gagcacaatg	angccctnat	cgcccnagac	nctcacgcn	atnagggctc	atncaaacng	600
agcaccgcgt	ttennntgcc	cacaaaatng	aattgantca	agncacgcn	gacangtgcn	660
nanagccnng	ccattggaac	tcgtctcccc	cctangaatg	ctgcccttgc	nannacccat	720
tgctatgctg	ctnaccannt	ccncttgta	ttcctggggc	ccctcttatg	nactgnaacg	780
antcanccgt	gactaggggt	aaaaacgnan	gnggaaatgn	tatangaant	tngcaccang	840
naatcatngc	ttatccatnc	ccnaatgcat	ngntnaaant	tcnacaacta	gtncgtcata	900
gnacnctnt	ggaatannta	ggngaaactg	tggcttatna	atngtccnan	ntggganaag	960
ggganccana	tnaacttggc	tnaagcncga	atgtnnccn			999

<210> 4778

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 4778

ggtgnagtnn	atgtctaatn	ctntgnnngc	gnttgctntc	gatgcaggat	cccatccggn	60
gaagaagctg	cagaagaaat	gaagaaagt	atgatgattt	anattttgat	attgatttag	120
aagacacagg	aggagacat	caaatagaatt	aatatcactg	tattaaaagt	ctgccgggca	180
cagtggctca	cgctgtaat	cccaacactt	tgngaggcca	aggaggggtg	atcncctgng	240
gtcangantt	cttnaccngc	ctggccaaca	tggcggaacc	ccatcttcac	taatagtaca	300
aaaaattagc	tgggccgtgg	tggtcatgc	ctgtaatccc	agctactcaa	gaggcttgan	360
gcaggaggat	tgcttnaacc	ctgnaggcgg	agattgaagt	gagctgagtt	cgtgccatta	420
cactccacct	gggtgacana	gtgagactct	gtctcaaaaa	aaatanaata	aaaagtcnat	480
ttacaatgtg	aaattctgac	accttttggc	tttgagtatt	ttcccaaaga	tattttgaa	540
ccttantgaa	ggaaattnan	aaaaaancta	tgggaaaaat	tggaacnaat	ttcatnctt	600
gaacaatntt	aaaattgggg	tattatttac	ctttaacant	ccaacntaaa	ccangaattt	660
cagnaattgg	ntgggnttgg	attaannaaa	cntaacctca	tgtnnaaaaa	ttaaaaattc	720
ncattanttn	ccttggcctc	naanaaaant	nntnacncan	ataaactccn	ngcccagncc	780
tttctnnngc	cttttn					796

<210> 4779

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 4779

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcggcgcca	60
atgcattggg	cccggtaccc	agcttttgtt	cccttttagt	agggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttctgtgt	gaaattgtta	tccgctcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtg	ctaatagagt	agctaactca	240
cattaattgc	gttgngetca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncaacgc	gcggngagag	gcggtttgcg	tattgggcgc	tnttccgctt	360
tctcgtcac	tgaactcant	cnetcggtcg	ttcggtcng	gcgagcggt	tcaactnact	420

caaaggcggg	aatacgggta	ttcacagaat	naggggggata	acgcaggaaa	gnacatgtna	480
ncaaaaaggcc	ngcaaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnacagga	ctattnanat	ccagcgtttc	ccctggaact	tcctagggcg	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngtttntat	at	712

<210> 4780

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 4780

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcggcgcca	60
atgcattggg	cccggtaccc	agcttttgtt	cccttttagtg	agggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttctgtgtg	gaaattgtta	tccgctcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtgc	ctaattgagt	agctaactca	240
cattaattgc	gttgnctca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncaacgc	gcggngagag	gcggtttgcg	tattgggcgc	tnttccgctt	360
tctcgctcac	tgactcantg	cncctcggtcg	ttcggctgng	gcgagcggtg	tcaactnact	420
caaaggcggg	aatacgggta	ttcacagaat	naggggggata	acgcaggaaa	gnacatgtna	480
ncaaaaaggcc	ngcaaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnacagga	ctattnanat	ccagcgtttc	ccctggaact	tcctagggcg	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngtttntat	at	712

<210> 4781

<211> 710

<212> DNA

<213> Homo sapiens

<400> 4781

atccagctct	tgtcttttgc	ggatccctcg	attcgtgtgc	ctaagggaag	ggaatcagaa	60
ggtggagaga	cttgaagttg	cactcaagga	ggccaaagaa	agagtttcag	attttgaaaa	120
gaaaacaagt	aatcgttctg	agattgaaac	ccagacagag	gggagcacag	agaaagagaa	180
tgatgaagag	aaaggcccgg	agactgttgg	aagcgaagtg	gaagcactga	acctccaggt	240
gacatctctg	tttaaggagc	ttcaagaggc	tcatacaaaa	ctcagcgaag	ctgagctaata	300
gaagaagaga	cttcaagaaa	agtgtcaggc	ccttgaaagg	aaaaattctg	caattccatc	360
agagttgaat	gaaaagcaag	agcttgttta	tactaaca	aaagttagagc	tacaagtggg	420
aagcatgcta	tcagaaatca	aaatggaaca	ggctaaaaca	gaggatgaaa	agtccaaatt	480
aactgtgcta	cagatgacac	acaacaagct	tcttcaagaa	cataataatg	cattgaaaac	540
aattgaggaa	ctaacaagaa	aagagtcaga	aaaagtggac	agggcagtg	tgaagggaact	600
gagtgaaaaa	ctggaactgg	cagagaaggc	tctggcttcc	aaacagctgc	aaatggatga	660
aatgaagcaa	accattgcc	agcaggaaga	ggcctggaaa	ccatgaccat		710

<210> 4782

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (705)

<223> n = A,T,C or G

<400> 4782

tntaggtctc	ttgttctttt	gcaggatccc	tcgattcggt	tggtcagttg	caccttctgg	60
gtcactggta	gccgcgggag	ccgggtgggg	cctaggcgat	gatccggcat	taaggagctg	120
ggatcatcct	ccgtctcagg	tggtttgggg	aaagtgtagg	ggcaaccaa	gatcatcggc	180
ttgactaggc	cctttgccct	gaacctcatg	aagaaatgat	aggaggcaga	catatgtgcc	240
taaaaagagc	gttgagctca	gagaagagca	actcggagtt	ttgggggtgt	gctttgattt	300
gtgtacatca	atggcagaat	catccagcga	atcagatcac	ttccgctgtc	gtgaccgatt	360
gagtccatgg	gctgccagat	caacgcacag	gggaactcga	agtcttccta	cagtagaagt	420
taccgagaag	gtcaacacta	taacaagtac	tttacaggat	accagtcgga	acctgcgaca	480
agtggaccag	atgcttggac	gatacccag	aatacagtaa	tggaacaggcg	ggtgccatag	540
aacatgtgag	aaactacatt	tgnttgcatt	tctnctaccc	accttttttg	ggaatgaatg	600
ttttggggaa	tggggctntn	accttaagga	aaaaaccnnt	gngnaatgct	ttaaaatttt	660
aaaactgatt	taatatttta	tagtttaagt	ttaggtanct	tgncn		705

<210> 4783

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (733)

<223> n = A,T,C or G

<400> 4783

tttgaatctg	tctctctttt	aaaccntngg	ctncttgatg	tttntgcgga	tcctctgatt	60
gcgaatnntg	cacgagatgg	tgtttnccct	ggaagctgag	aanaatgggg	ctttaatgga	120
acaaatngct	cangaagctg	tttgtnatgc	agnttattat	ggaaatggcc	aaaaactgta	180
atgtggatcc	aanaggggtg	tttcgtctat	ttttccagaa	ngcnaagca	gaggaagaag	240
gttattttga	agcattcaaa	aatgaacttg	aagctttcaa	gtcaagagta	agactttatt	300
ctcaatcaca	aagttttcaa	cctatgacag	ttcagaatca	tgttccccat	tctgggtgtg	360
gatctatagg	tttattagaa	tccttaccac	anaatccaga	ttatcttcag	tattctatca	420
gtacagctct	ctgcagctta	aactcgggtg	tacataaaga	agatgatgaa	cccaaatga	480
tggaactgtt	ataatttggg	taagactgtc	gangccaagt	gctattttgn	tacaacgaaa	540
ggaagaactt	ggctatttcn	tgacactttt	atgggtgctg	cactttattc	ttgngntngn	600
tttttgatgg	ggagggaaaag	agnactgaaa	tgttttcgna	aatttttntt	tanngtgccn	660
gcttaggnnt	ncttggtntn	gactctggtg	tctngaataa	gangagntgn	tcccatatgt	720
ttngnnggna	anc					733

<210> 4784

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (709)

<223> n = A,T,C or G

<400> 4784

tnaattcagc	tcttgttctt	tatgccgatc	cctcgattcg	aattcggcac	gaggccaagt	60
atgcagtgtc	aatggctaga	agaatcggag	ccagagtgtg	tgctctccct	gaagaccttg	120
tggaagtaaa	gcccaagatg	gtcatgactg	tgtttgcatt	tttgatgggc	aggggaatga	180


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agagagtgtgta aaataaaccaa tctgaataaaa acagccatgc tcccaggtgc atgattcgca 240
ggtcagctat ttccaggtga agtgcttatg gcttaaggaa ctcttgcca ttcaaaggac 300
ttttcatttt gattaacagg actagcttat catgagagcc ctcaggggaa agggtttaag 360
aaaaacaact cctctttccc atagtcagag ttgaatttgt caggcacgcc tgaaatgtgc 420
tcatagccaa aacattttac tctctcctcc tagaatgctg cccttgacat tcccattgc 480
tgtatgttat ttcttgctct gttatctttt gccctcttag aatgtccctc tcttgggact 540
tgcttagatg atgggatatg aatattatta gacagtaatt ttgctttcca tccagtatgc 600
tagttcttat tcgagaacta tggtcagagc gtatttggat atgagtatcc tttgcttate 660
ttttagtagtac tgaaaatttg cccgaagtaa ctggctgtgc agaattgtat 709

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<210> 4785

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4785

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gattcgctga cctcctcctc agagaaagca ctggccaacc agttcctggc ccctggcctg 120
gtgccaacca cagccagaga gcgagtgcc gccacacaga cgggtgcatnt gcantcacnn 180
gcgcggtaca ccagcgagat gcggagtgag ctactangca cggactctgc aatgtgagtc 240
accatgaaca caacatgact tgagggccaa ctgactaang acaagacatg tattcttgct 300
gccccagggc cttcatgccca tggactccnt gcnntgantn naacangagc atcaccaaac 360
tacnctgna nnaataccan gactnatgat aatggncctg anangaanca aagctctgna 420
cantggctna tacnttgtna tttncgtagc tgaagcatgn ggntcacctn nnntcangan 480
tttggngacc aacntnncna actntnactn taacncatgn cttttctaaa nnttnaaant 540
tttaatnncg nntncaacnt tcncaatntc tgggnntccc nanntgctnn gnnaggnaat 600
ctnnctntga ntaaaantnt ttnanacnca anaaagntgn agggtttcaa nntaagcttn 660
aananttant ncaaattnat actttntttt gngntnnnta ntagnnnnnn tnanaacnnn 720
tntntttctt antnatatta tnatagenta atataanntt atantnatan ncnatnnann 780
naacgtctan anntttttat ntcnntaaan atttcttttn naaggnntnc n 831

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<210> 4786

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4786

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tttnnnngnt ttannncatt ttgctactng ttctttttgc aggatcccat cgattcggaa 60
ttatagtatt gacgtgaatc ccactgtggt atagattcca taatatgctt gaatattatg 120
atatagccat ttaataacat tgatttcatt ctgtttaatg aatttggaaa tatgcaactga 180
aagaaatgta aaacatttag aatagctcgt gttatggaaa aaagtgcact gaatttatta 240
nacaaaactta cgaatgctta acttntttac acagcatagg tgaaatcata tttgggctat 300
tgtatactat gaacaatttg taaatgtctt aattttagat aaataactct gaaacaagag 360
aaaaggtttt taacttanag tagccctaaa atatggatgt gcttatataa tcgcttagtt 420
ttggaactgt atctgagtaa cagaggacag ctgtttttta accctcttct gcaagtttgt 480
tgacctacat gggctaatat ggatactaaa aatactacat tgatctaaga agaaactagc 540

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cttgtggagt	atatagatgc	ttttcattat	acacacaaaa	atccctgagg	gacattttga	600
ggcatgaata	taaaacattt	ttattttcagt	aacttttnc	cctgtgtaaa	gttactatgg	660
tttgggggta	caacttcatt	ctatagaata	ttaaagtggga	agtgggtgaa	ttctactttt	720
tatggttggg	gtggaccaat	ggctatcaag	agtgacaaat	naaggttaan	ggatgattcc	780
caaaaaaaaa	aaa					793

<210> 4787

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4787

naatngcnag	gctentgctc	tntgngcagg	ancccatcga	tncgaattcg	gcacggaggt	60
tatgagtgg	catngtgaaa	atttgngtga	atacagcaan	gtagcaagaa	aatnncngnc	120
ntatntacta	canttaacct	ntatnaactg	nnnngncata	tgacatccaa	atgttntatn	180
atnacctgg	aaanttanta	tagtntanga	tactaaaaca	gtatgnntac	aaaagtgaac	240
tnnctgtgca	nnntncacag	gntttattca	tgtgacacta	tatantgect	anngtcacnt	300
ntcanccang	ttcntctnna	gtgnaantnn	ntcnagngca	tctngcacag	atgctnnatt	360
gactanagaa	tgaatncnnt	gggcgnnnat	acntgggcta	actgcngnna	tngatcattc	420
tananngcac	tnatgnanat	anccccatan	angccggaca	gacggtanac	atacnnanng	480
angcnccaga	tncttttann	atgnatnatt	gagatttnac	cagtctcatg	tgccccgcgt	540
tntgtgttnn	nctnanacan	gcngatttnac	nctgntctag	ncatcttgnc	tnnatcgnga	600
aataatggct	cctgcctcca	tnataatgtt	taggagngaa	atgnaannan	ttcgcggtgg	660
cntgctngag	tgcnaaaggc	ctttacnngt	tgngancnaa	ntnggggnagc	nagttntcnc	720
cnnatngtac	gctccccctna	ncaatntccg				750

<210> 4788

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4788

tgnnnttttg	nttcnaatgc	nngctcttgt	tcttttttgca	ggatcccatc	gattcgcgca	60
aactttttcan	tctctctaaa	gaagatgatg	tccgccagta	tggttgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaacgg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgagaatat	gctaaacttt	tgccaagag	aatgaaggag	gctaaggaga	300
agcgccagga	acaaattgcg	aagagacgca	gactttctct	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggaacaaacc	acaactagaa	tgcaagtga	aaaatgcttt	540
atttgtgaaa	tttgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcatttttatg	tttcangttc	anggggaggt	gtgggaggtt	660
ttttaattcg	nggccgcgcg	ccaatgcatt	gggcccgga	ccacttttgg	tccntt	716

<210> 4789

<211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 4789
 gnnnnnnnnnn ttttnaacgc tngctacttg ttcttttttgc aggatcccat cgattcgaat 60
 tcggcacgag gagagcttgg gatgtggtta tgccagccac actcctcaga gccgtggcca 120
 gatctcatca tatattatca aaagcacatc agtgccgaag aatcgggtcat ctaatgttaa 180
 aaccacttaa ggaatttgaa aatacaacat gcagcacact gacaatacgt caaagcttgg 240
 atttgttcct tcctgataaa acagctagtgt gtttgaataa gtctcagatc ctggaaatga 300
 accaaaaaaa gtcagatacc agcatgctgt ctccattaaa tgctgctcgt tgccaagatg 360
 aaaaggcaca ccttccaacc atgaaatcct ttggtactca caggagagtgt acccacaac 420
 caaatctgtt gggttctaaa tgggtttataa aaatattaaa gaggcatttc tcatctgtat 480
 caacggaaac atttgttcca aaacaagact tcccacaggt gaagagacca ctaaaagcat 540
 ccaggaccag acagccatcc aggaccaacc ttccagttct gtctgtgaac gaggacctaa 600
 tgcactgcac agcatttgca acggcagatg agtatcatct gggaaatctg tctcaagatc 660
 tggccttcca cggatatgtt gaagtaacaa gcttgccctag agatgcagca aatattttgg 720
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 aaggagctgc tg 792

<210> 4790
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 4790
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 atnctcanna ncnacettc nagencttn tngagttct gatcanggna ttacactctt 120
 ttnatggggg cctgcctgta agtgtagaca tgcacactca gctgacctta ctgntcaaaa 180
 gctggagaaa aagaaacagc tttcatacag tgcaaactgt ctacgtctat gtaaaagaat 240
 ttgagaaaca tggcagtagc cattgctaatt taatctgggt atgtgtaaat agtttaactt 300
 gatttttgac tctggngttc ggatctatct taagatcgat ggagttaatt gcttcatgac 360
 agttcttatg aaacatgctt cnntatntcc ttgtgccaan gtntcgntta cagatnttnc 420
 naaangaatt nactctgcna aatactgnaa tgacnnntcn ngtgngacnt gttaggcgna 480
 acgatanatt tngagntnt ntctcttttg tatngatttg gnnttangat gcanganncn 540
 nattttcanc cnagngtggn catnaancct gacganaccn ctantntttt ttaanncttg 600
 tattaancac ctagantgcc ccgngnccn aaataactna ngncacacnt cntntaaaga 660
 acttctgnna aanntagttt agncntccn ggccnntaaa ntggggngat gnannaaaag 720
 ncngaaaacc nntgtancca cccntantg gngcnctnn nnctattnnn tcnnnccgnt 780
 nnctcctac atatcttnc ctnaaatnct ttgggcntca acnaatccg 829

<210> 4791
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4791
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 ggcacgagct cagtaaccca attactagtn ccttttgaag agaccaggct gggaattggt 120
 agtaataata atagctgaca ttaccagggt gctaccaca tgccaagcat catgctaata 180
 ttgccagggt cttctgagtc antgtgaatg gcangagcac cacatgttcc ttntcttca 240
 gttcacacac attgagtgtc ttcattgtga agtaacaaca gagactgagg gcatatgtat 300
 tngngtaaaaa aaaattttgt tactgggaaa atagccatta ctgggaaata gctttgttac 360
 agaaagtcct tcatgtggct gggcacagtg gctcacgcct ggaatcccag cactttggga 420
 ggccaagggt ggtgggtcac ctgaagtcan gactacaaga ccagcctggc caacgtggtg 480
 aaactccgtc tctactaaaa atacaaaaaa attagctggg ctgggtggca tacacctgtg 540
 atcccatcta ctccgggagc tgaggggagga gaattgcttg aaccggggan gcngacgttg 600
 tagtgcgcca aaattgtgcc cttgcattnc agcctaggcn ngagagttag actccgtctc 660
 aaaaaaaaaa aaaagggtgat ttaattaaaa ccagatgaac ccttncatga tcacgtgcta 720
 tgaattaaaa caanatnna aaaaact 747

<210> 4792
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4792
 ctncctntnt tntnnnattt ttnantnttt tanatnanth tntttanttt ggtgtngntc 60
 nttnttctan cctacacnct ctttctctat ctanancnct gggnttnnca aaaatntggc 120
 tcttctatnn tntcngnctc ntctatnata caccantgg cgaatccaca tncaggggggt 180
 ctncaccaa gttccaacct ccaaagtga ngactccgtg gaacagcaag ggnagggtgaa 240
 gaantaataa agagaaaaga aangaanaac ngcanaanaa aangaaaana gaaaagaaaag 300
 aactaaagtt agaaaaccac caggaaaact caaggaaatca naancctaan aagcgcaaaa 360
 agggacagga ngctnacctt gaggtggtg gggaggaagt ccctgangcc aatgggtctg 420
 cagggaanag gagcnngaag aagaancatc tcaaggacag cgccagtgat tgaanangca 480
 cncntnggcg canggaatag gaancnngan gactnngaa tttgaaacac attctannaa 540
 gaaaaagatg aantcccaa nancatnctg anggccngga accanangac natgantgct 600
 tcctgcaaaa ggttaattca actggtaatg gaactatttn aaagcaaatt ctgaaaccan 660
 gnccccaga caatgnaaat naccattcna taaagcctna ggnaaaaaat gttttatgct 720
 ccanttctta ccacaanntg acatnattga gccatnnacc atattccna atgatggaaa 780
 ctccctang tncattcntt ttaacnaaga aaattcaatc cnannaaccc cttaaccttt 840
 naannttatt tanaaggnnn 860

<210> 4793
 <211> 1222
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1222)
 <223> n = A,T,C or G

<400> 4793

gnnnnttttn	ccctnaaaaa	atgggcccctt	gggggttttt	cccttaaaaa	ttggnccttt	60
gggggttttc	cnnaaaatnn	ncctttgggn	tntaannacc	gngnccgttt	tttcgngnna	120
naannngatn	ntctnnntcn	ntnnnnnnnn	annnancnnn	nnntncannt	ctatnncnnc	180
nnnnannann	tatcnnnnna	ctctnnntcaa	ttcnnnnnnn	actnnnnntat	nnnnatnnan	240
cnnnntgnnn	annnnnnntnt	catcntcnnc	nantnnncnt	atnnnnnnat	ctnannctct	300
cntnnnnata	nacctgncat	aanactnnnn	nncatagtcn	cttnacanct	tnttatancn	360
ctnatacacn	atctntttcta	antctantnn	atnatanaen	tccatcatna	ttnnntactt	420
ncanaccccn	ctnnccctac	ncnnannent	cactcccnnc	cnnatctntc	tctnctatnn	480
natcantntn	nnnccancca	ctnnnacnnn	ntactantct	accnnncttn	natctcnatn	540
natcatancc	atnctctcnc	nccacnnttc	ncctnttaac	nnntntatnt	caatanaatn	600
nnctnanchna	ttacntcnnc	tcnctctctc	atntntntta	tctnctcatt	aannnnnnct	660
ccnnctcan	ntnnccntnt	nntactcnnc	natcccntaa	ntnctccnca	atcatactca	720
tctctcccat	anatactcan	atcctatacn	nactatcanc	tanntcttcn	antatatnt	780
tcatntttac	natccctctc	tcctncannt	ntnaanaenn	cnannnacnc	ttanatctat	840
ntntanatac	antcnnntnn	ncncaatntc	anatntttcta	tcatnctcnt	aannatcctn	900
nnntntnnnta	taatectanc	nanccacann	nnctccnnnta	tntnnnnaca	catntatacn	960
cnactnannt	tctcnntcct	natnacatan	cccacnctnt	ncatacantc	ntcnatntc	1020
ntnnnttnta	ttnttcanct	antaacatan	tnanantcgt	actnnnnann	cancactncc	1080
ctcnttatat	tcatcnatct	ntacatacca	tctannnnann	nacnnntcac	nnatnctct	1140
ncttnaatta	canncacnct	cnntcatann	tcgnnttatat	atcactctnt	ncnanatcca	1200
ctntntctnt	nnctctcncc	cg				1222

<210> 4794

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4794

ggngcccttn	aaaatacccn	gnttnnanac	gcntngttac	acncnctagc	ttaaaagggg	60
gnggaaccct	atggntgcat	tgactgtggc	aaggccctna	gcnagaagt	tttgccctgt	120
agcacatcag	ggtatatcat	acagggaaaag	actnccttng	tatgtccnga	angngggcaa	180
ccctgntcac	agaagtcagg	actcattaga	catcangaaa	atncactcag	gagagaaaacc	240
ctatnaatgc	anngactgtg	ggaaagcctt	ncttncaaag	acaangctca	ntgtcannac	300
agaacnnaca	cgggagagag	accctatgnc	tgngatgagt	gtgagaaaagc	tnncttctat	360
atgtcntgcc	nttgttaaac	atnagcagaa	tacactcann	ggaagaaacn	cnnggngatt	420
cannngaang	nggaaatntc	ctgaccacan	ncanggtncn	tntcnnnnag	ttcctaanta	480
gaacaatggg	gcnannnggg	tanaaaggcc	cctgntagna	natannntna	anaccttggt	540
nggcnnnnat	ggatnnggnc	nngtggggtn	aatactgatg	tgnatntctc	nggntnancg	600
accantatnt	tngcatntnt	tcctattggg	agnaatacct	actntntaat	ntcnnnatnt	660
nctgcgggan	ntannnttnt	ttagcatctn	ctatccataa	nnnncnaaat	ngatcatcat	720
atnntcnatg	nnctcatctn	gtctnacact	nttgggtngc	catctgctnn	agacatnnna	780
ctntaanctn	taaattnatc	gctnantann	acccanngtg	ntnaccagcn	gtnacnnenn	840
gctnctcngt	nnngtatant	ntcacnatca	tantcantga	atntanngan	acngcatct	900
tntnannctg	cctcnnectc	tatcanaatn	aagtnncnecg	aggnactcan	antnactntc	960
nnntnnntcn	canaatgtat	catnnnctcn	nnanantatt	ttgantgcan	atcatngnan	1020
acntatgaan	ccnaatcatg	tntattncna	nngcnttact	tntnancg		1068

<210> 4795

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4795

tttctaaatn	gcttggggttt	cnaaatccct	tggttgacgc	cctcgccctaa	nntggcggtgn	60
nantgccnc	gattcgctgn	caagtctgga	antcatattg	gagcctgngt	ngactgaaaa	120
ctcagcanga	gttgatgtta	aagtcttggg	tctgaaattn	gtngggcagg	agattaggct	180
ggaaactcag	gcagaatttc	tgtgttacia	tcttgaggca	taattcttct	ccaaaaaat	240
ctccattttt	ttctcttaaa	gccttggatg	agccttggat	gattggatga	ggactacca	300
cattatctag	ggtaatctcc	tttgcttaaa	gtaaactcac	tgtgttaatc	acatcaacia	360
aataccttca	cagctacatg	tagtgtttga	ccaaacaact	aggcaccata	gcctagccac	420
ataaaattac	tatcattata	ctttgtctta	tcacatactt	ctaccttgga	agggatattt	480
cccagttggt	atagctacia	aacagaggca	gatcatttag	cctgcattng	attngtantg	540
aaaaataagc	ctttggtgng	tttaaccact	gaaaatgttt	gcggcctatt	agtantngca	600
caacttatcc	tatnctggcc	aaacatagaa	tgctttcggt	ttgcaaggta	acangatccc	660
ctttacagnt	gtacnaaaaa	tnancnntaa	aaaaactnga	gccctntaga	acntnntagt	720
ggagtcggan	ttaacgttng	ancccagacc	ntggattang	gatncattgg	atggagtttg	780
gacataccac	cancttgga	tggnantga	aaaaaa			816

<210> 4796

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4796

cnnncaaaaa	cnnnnnnnaa	nnnanaacia	cggggggcnc	ncnanttcaa	anctggnaaa	60
cnnntccnnc	acagncnacg	aacgaaangg	cacnagcnng	cnaggaaacc	gccnngcnc	120
agcaaccgaa	ggccaggnaa	ttttnaanat	cggngnggga	ggacagnngg	ggncaatatg	180
ggcgggantn	nncttcaaac	angnaaacn	tnccnngngg	cggggganac	cncggncacc	240
atggannaan	tncnacaana	ccgnggggaa	gacnggntat	gcaggcnccg	ccataaancc	300
ccccctacta	aggcnncang	gancaccaac	agntggnggc	cancaaaaagc	ntntaanaac	360
aanacctnac	aanntcnca	ncnntttngc	ntatcccacc	acnggganac	angncaacgg	420
tggacnctcn	aacaannaaa	atnngaaaaa	caaatctccc	caanaatngg	ggggngaacc	480
annngnnangn	nanctnnaac	canaccgtcn	tgnaacnngc	nccaatacaa	ngggngngnan	540
gnngncanaa	cangcnngn	accngcacgn	aaggnggngg	gcnnngnatca	cancaaacag	600
acaatatcca	cgcgcnaccc	cnnncaen	ntnaacggga	cccngagtag	acacangcac	660
gaangcccn	ccngnccac	ccccctgnaa	ncgagaaaac	naangccngg	atacaaaaaa	720
ccccnaacca	gccggncntn	cccccccaac	nngannaaag	naacanaccn	cacannngcc	780
nnngacaaan	cncnacaana	nngggnaaac	aaacnctatg	gganatcccc	ctanggnang	840
cngaccggn	aaacgganna	ncacaancta	aacaancngt	ncacgcaaaa	aaaaacngcc	900
caaggcccca	tcacngaang	gaaaacncna	nacggnnann	anagnncn	taannaaann	960
ccnncnng	nncaatcncc	cattcgaaaa	ncnncnctn	ccgcnnaann	ggaanacnnt	1020
caaaaccccc	cgannncgac	nnatnncagn	aacannaaan	ntggtgtnac	cnncccnnc	1080
ctaananaac	nncc					1094

<210> 4797

<211> 930

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (930)
 <223> n = A,T,C or G

<400> 4797

ttttgctaac	cgctgggcta	ctcgntctct	nngcaggatc	ccatcgattc	gaattcggca	60
cgaggtggag	agcgcccagt	ttccagagta	tgatgacctc	tactgcaagt	actgctttgt	120
gtacggccag	gactggggccc	ccacagcggg	tctggaggag	gggatctcac	agatcacatc	180
caagagccaa	gatgtgcggc	aagcactggg	gtggaacttc	cccattgatg	tcacctttaa	240
aagcaccaac	ccctacgggt	ggccacagat	cgtgctcagc	gtgtatggac	cagatgtgtt	300
cggaacgat	gtggttcgag	gctatggggc	cgtgcacgtg	cccttctcac	ctggccggca	360
caaaaggacc	atccccatgt	ttgtccana	atctacgtct	aaactgcaga	agtttacaag	420
ctggttcatg	ggcggnngc	cagagtacac	agaccccaag	gtgggtggctc	anggtgaagg	480
cccgnaang	gtgtgtttgn	ggcccaaccn	acnccaatag	ctggngggca	acacagaata	540
gntnctgtat	aataatagtc	tcattttcan	agaaanant	tnntatteen	ctcttnnttc	600
ctaatenena	ntncttatta	ntntntaccn	tcnnnnnncc	ncctcatttn	cnctntttca	660
ttttatcntt	atcttatnnn	nntcnancct	actnntatta	ctctnnct	nnantctcta	720
tnctacnac	ctntaataac	ctncttantc	tanacttcnc	ntctntacc	ntctctctca	780
tnctntnct	actctctccc	tctcttctnc	tccatattat	tcttctctnn	nantctntct	840
tntntctnc	tattancntn	cctntctntn	tctactatat	catcatntnc	tntcnancntn	900
anntntctat	ctcntacnta	ctcanacaac				930

<210> 4798
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (801)
 <223> n = A,T,C or G

<400> 4798

aaaaagncag	gcnacntgna	gacanaagan	cccanngaag	aancncagga	aaagcccacn	60
ccgaaggggn	anacggacga	gccnaggcaa	aggncannaa	gaacagngat	ttacanacga	120
tntgcccnga	ancncnngg	gngaaancag	nggcngggcc	accagnaaag	aaacnagnnc	180
gcccaggncn	nngangnana	cnanaaacgn	aaganganga	gnnagggggg	aancangaca	240
ggagaggcaa	aannaaaagn	nanananagn	ggcnagncgg	acngaagaaa	naaacaaggg	300
gngaagnaca	ngaacnaaga	aanagcaaag	anaacnnaaa	gngaacaann	ccagcgccna	360
gcannanccn	aggangcaca	naaaacagca	ccaagaagac	ngnannagca	ngagagnnga	420
agagangggc	cncacgggga	cacacnaggc	aaacgcgana	agcagnacng	gncnaggngn	480
cgcgaaagnan	aagagacnca	aggggangag	agcanaaggg	aacgggnngc	aggaagaaga	540
caangnaacn	caggaacgaa	aaagggannc	agaaagccgg	agaanaacac	ggngaganag	600
naccaaaggc	naanaaggng	acaangggca	agagacanan	accangnngg	acnnaagang	660
cnacannagg	naaaacanna	gangaaanag	gggaacanga	angnaaaagn	gaaannnggg	720
ggaaaaganc	aaacnaaaca	gaaaacgggn	nnggaaaaan	nacaannгаа	naacangggng	780
ncaannggaa	nnaaagggga	n				801

<210> 4799
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 4799
 gnnntttttna annncgtttg tttcnatgta ncattttacna gntcttttttg caggatccca 60
 tcgatcgag gtccacagcc gaggtcganc ancggcacag cgaggtcggc agcggcncag 120
 cgaggtcggc agttggcaca gcgaggtcgg cagcggcagc gaaggtcggc agcggcncan 180
 cgaggtcggc aancggcagc naaggtcggc agcgggcccc cgctgtgctc ttccgcggac 240
 tctgaatcat ggcnaaccac nggccacgat ggcgacctcg gctcggcgcg aaagcggctg 300
 ctcaaaanag gaagacatga ctaaaagtgg aattcgagac cagctaagaa gtggatgtga 360
 cccccacgtt cgacaccatg ggctgctggg aggacctgct gcnggcctct acgcttacgg 420
 ttttgaaaaa ccatcagcaa tccagcaacg agcaatcaag cagatcatca aanggagaga 480
 tgtcatcgca cagtctcagt ccggccagga aaaacagcca ccttcagtat ctcagtcctn 540
 cantgttttg gatattcaag ttcgtgaaac tcaagctttg atcttggctc cacaagaaan 600
 ttggctgtgc cagatncata aggggcttct tgcttntcgg tgactacatg aatgtccant 660
 gccatgcctg cattggangg acccaatttt tggccaagga catcanggaa cctgggttta 720
 cggacaacat gttttcncgg gcacttccaa ggccgtgttt ttganatnat ccttncaaaa 780
 aaccctaang gacacctgct nttnaaaaat ttg 813

<210> 4800
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4800
 ttnaatnctt ggcttttcan aatngctgga ngactngttc tttntgnang accgcacgag 60
 cacgaatncg gcacgaggtc actntgnaac ccagactggg agtgcancgg tgtggncata 120
 gggmctgng cctgganng tntgntcgag ntgtnatcnc nantttgntt ttgggtctgt 180
 agcttaanna tgcngannna ngatgcnnnn annngtnttg tnaganatgg ggtntancna 240
 gtttnnnncna ncngnnttca attncatggg ctcaantgaa ccnctgcnnt ggnctnctna 300
 ntatnnggga ctncacagaca tngngnanna gtncgtggg canatctcaa tattanaggt 360
 aatatgnnat agtgataten atgacngtac catttgnntc aaaatgtgaa aganataccg 420
 ctgaagttan tatgtntcnc cttccaantc nagecgccat ntcnntcnac tcngcnanta 480
 tgtcgactca naatgaatga tngacatttn ngntantncn gcacccatc nagtgctatt 540
 atnntctan atntcnataa ttntctngnc cctnnancct acanncntng tcgnatgtnt 600
 atccnnttn ntggancttt gaaannttcg atagggggaa cntgatnagn gcagtntnac 660
 anaatgnttg cnantntna ntcggaaana tcnaattngg gnagctgnta aacancnngg 720
 gcntaccttt ntaatgtncn ngggtntnta antcaaccng gntncngaaa aanaac 776

<210> 4801
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

<400> 4801

tnnnnnntttt	naantcaatn	ctggctctcg	ttctttntgc	aggatccctc	gattcgaatt	60
cggcagcaga	tggcagttgc	ttttgaagta	tatgatgact	tcctccacta	caaaaagggg	120
atctaccacc	acactgggtc	aagagaccct	ttcaaccctt	ttgagctgac	taatcatgct	180
gttctgcttg	tgggctatgg	cactgactca	gcctctggga	tggattactg	gattgttaaa	240
aacagctggg	gcaccggctg	gggtgagaat	ggctacttcc	ggatccgcag	aggaactgat	300
gagtgtgcaa	ttgagagcat	agcagtggca	gccacaccaa	ttcctaaatt	gtaggggatg	360
ccttccagta	tttcataatg	atctgcatca	gttgtaaagg	ggaattggta	tattcacaga	420
ctgtagactt	tcagcagcaa	tctcagaagc	ttacaaatag	atttccatga	agatatttgt	480
cttcagaatt	aaaactgccc	ttaattttta	tatacctttc	aatcggccac	tggccatttt	540
tttctaagta	ttcaattaag	tgggaatttt	ctggaagatg	gtcagctatg	aagtaataga	600
gtttgcttaa	tcattttgta	ttcaaacatg	ctatatTTTT	taaaatcaat	gtgaaaacat	660
agacttattt	ttaaaattgt	ccaatcacaa	gaaaataatg	gcaataatta	tcaaaaacttt	720

<210> 4802

<211> 1117

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1117)

<223> n = A,T,C or G

<400> 4802

atnnnnnnnn	nanncatnt	nctantcctn	acnantnnnc	ttncnctnn	nnntntnctn	60
ananttggna	tntagnggna	ttcnaatncc	cagctntngn	netntttgca	ggatcccatc	120
gattcgaatn	nggcacgagg	aggaattcag	ctatcagctc	tcttcatgag	tggagtagac	180
atggccttgt	ttgcaaatga	ngnntgcnga	caaaccaatc	ccctgggaac	actgttgtec	240
ttggatgtat	tttgatggga	agctcttcca	atccaaactc	ctcaaagcca	gccgggaaaa	300
gacccactc	attgacctct	gtgatgggtc	agctgatcag	gctgccaagg	tagagaagat	360
gncccatanc	gtcctcnaaa	gggtcagct	tctncaggca	nagccacann	cttncctttt	420
ccgncgtcac	ctgcnctgct	cttttaccct	tgtctntggn	tacccctntn	nactttttan	480
nccnnntncc	aaccctntt	aatggcncnn	ngncantaat	gctnttttnc	ttncnnttct	540
nttngnnctt	nttctcttan	gnccccctc	attatngcgn	naaanncaen	gactatnttn	600
ntctnatggg	entcccttta	accnccnctg	nncacactnc	tcnntentan	tntnnatntn	660
tctncnatnn	tanncnctc	aatatentcn	ccatcacnnt	atctatectc	nngtncctnt	720
ctnnctnant	tnnnatcana	ttttctattt	nncnaetcat	ntctctacna	tcntantnta	780
tnnntatcaa	tctcananta	nactantatn	tcantntnct	acannatata	atatnctctt	840
tnnatntntn	tnntnatcat	ntanatnatc	tntcntnnat	anctacatct	ctctntctnn	900
ncatntcatn	tagatacann	tanatntagn	taattatann	ncttnttctt	antnncnnnn	960
nttcnctnt	catcnctctn	nnncgtannn	ctctccnntc	attenattca	tacttcnnat	1020
tgatnatnca	ntannccatc	ataatntcac	ntccctcata	ncttnttctn	caanntatnn	1080
anattctcna	tatttctnta	tctatananc	nttgccn			1117

<210> 4803

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4803

ttcaaatngn	aggctctngt	tctttttgca	ggatcccatc	gattcggnag	antcccatnt	60
ctnnetgctg	acgagggacc	tgctttgggtg	agtnccggaa	ggcccaggga	gtngnggcat	120
gcnggctnct	nattcactat	ggggnttcgc	cntggacacg	tantcaantg	cgcattgctgc	180
tgcccatgtn	tncttgcccc	acttcaccca	nttgggggct	gctcaagggg	ngnnnggcnt	240
cngtggctgg	aggccagtat	ttanacaagg	ctctgtacat	gacacncaac	tgtgctnana	300
gtnccttcnc	tcngactaca	ccnatgnttt	nacagtnccc	tnntgnnnnn	tcntnttact	360
acagtgcnan	aaccnnaatg	ancntttntt	tctgcttnna	tgcnnnnnnn	antnnnnngac	420
ntntgtttaa	tgtaacnaa	gtgtgtacac	tttaaancca	catattgtat	ggtnctcctgt	480
annatnangt	gccngaacat	gnacatttcg	atanccanag	attagattan	nggtntntcat	540
anggctgggg	gaannggcat	anccttagtga	ttggtaatga	tnngggattt	nttttgggaa	600
tgaatgaaaa	tattctaaaa	ttngttgggn	nnntatccna	attctacgaa	atattnttaa	660
aaaaccacn	tgaatttgnc	tactttaagn	agagtgaat	ttnatgtcct	tgttcctcna	720
attaagcttg	ngnaaaaaga	tcgtaaaaanc	nngatnnnaa	ntttctntna	nnngnnctn	780
t						781

<210> 4804

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4804

aagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	aggctgagac	60
anganaatgn	cntnaatngn	ngaggcagag	cttgagtcn	nttcgagatc	acnccactgn	120
actncaaccn	gngagacana	ntnngactcc	ntctnatacn	atgngaacc	taaaatatgg	180
gntttntgca	cattccagat	ctcaanancn	tgattctaan	tgaaagatgg	caatatncca	240
tcagaccagg	tnntntctag	ntccntntta	cgaaatgtcc	acaaatggca	ggatcttcag	300
antcctagtn	actgctantg	ntnncaggaa	tnntntnng	gngactanna	tgtntctaaan	360
ctnantggag	gtgatggttn	aacnantngg	tcactncact	aagaatcatt	nnatngnnac	420
tctatntggg	canatantat	ngcnaatgta	ccttaatnan	atcatgcttn	aangtcaatt	480
aatccactca	tgaanttnan	cctctananc	tnnagtgann	ngtattacgn	ncatnccnac	540
ttgntnagat	cettggatga	ntatcggact	aaccntnat	cttatgcagn	ntacaaaaat	600
gccttttnna	gggnaaatnt	gcgatgctat	ntgcnttatc	cnaaccatt	tgtacnntcc	660
catttaacag	ggttacnnc	catccaattg	gcaatngatt	ttatggnttc	ntgggttnnc	720
gggggtngat	ttngngaangt	tnnttantt	tcc			753

<210> 4805

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4805

agggnnnnt	tttnagatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	tttgatcatn	ggncaggtn	ctggngagaa	ctgcctntgn	ggntagctga	120
ttnnnggggtc	cttcatatga	acganctggn	tggagcactc	acaggactca	cccgggtacn	180
aagattccaa	cangatgatg	ctnacatatt	ctgtgccatg	gancagattg	aagatgaaat	240
aaaaggttgn	tnggattttn	tacntacggn	tatagcgtat	tnggatnttc	ttttaaacta	300

aacctttnta	ctcncgccga	aaaattcctt	ggagatatng	aagnatggga	tcaagctgag	360
aaacaacttg	aaaacagtct	gaatgaattn	ggtgaaaagt	ggganttaaa	ctctggagat	420
gganctttct	atggcccaaa	gattgacata	canattaaag	atgcaattgg	gcggnaccac	480
cagtgtgcaa	ccatccagct	ggatttccag	tngcccatta	natttaatct	tacttatgta	540
agccatgatg	gtgatgatna	gaaaaggcca	gtgattgttc	attgagccat	cttgggatca	600
gtggnaagaa	tgattgctat	gctnacanga	aaactattgg	nggcaaattg	gccttttngc	660
tgccctttg	ncaggtaatg	gtagttccag	tnggacccaa	ctgtgatgaa	tttcccaaaa	720
ngacnacacc	attncacgat					740

<210> 4806

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4806

gncnctttca	acttcgcccc	ttttnaaaacc	cgttggttcaa	atcctcgttt	caancccntc	60
tgcaggatcc	catcgattcg	aancngcacg	agggggnnnn	ncgtggcnaa	ttgcbgncag	120
tacccttcna	gencngngna	aagtgcagnc	anncgtaaca	catgcggcan	acngcannga	180
gcanaatgnt	aatgnccact	tcttgantca	tnccagaact	cccttaagcc	cacaagtttg	240
tnnngngnna	ggtcaantct	aggaacncng	ccgngnaacn	ggtntctcaa	tnnagncatc	300
cttanttntc	gcatanacan	gagngttctt	aaaacnnctc	cngtaaagca	agncatntct	360
ganntncctg	aggatcattg	ctcccgnata	cngntgntgg	ggtgagcctt	caggagang	420
ggaacagaat	nnngtactag	ggtcganagt	caananacta	aggcncttna	ncaacatctc	480
agagcanann	atctgngggag	cccntggaac	gntactgggn	aatttantca	gtgngcattt	540
ntnaagactg	ggncccagggn	tggantnatc	tnttgccgan	gggnncntag	ngcctcanca	600
caacactgng	cnagcccngg	acttagnaaa	cccctgcana	aactggnnna	annggcctnt	660
taaaantncc	ccanangtnn	accccnaag	aagcncggna	agccccnaaa	ctnccaaacc	720
aaccnctntc	tttctctnnc	naantnnaca	ncntgggggt	ntgcnttggt	nnnaaatngn	780
nccnanaant	gcaccagntc	nacnntagtc	nnggggnacg	gnnc		824

<210> 4807

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 4807

tntagatata	gctcttggtc	tttttgccagg	atccctcgat	togaattcgg	cacgagattc	60
ctttcatggg	acagtattta	ccccaaagtc	tgattaaata	tctgtttata	tatttcttta	120
ttggattatt	tgtttatttt	tctctctcta	gactgcaagc	tcttgagca	gaccatgttt	180
attttgctca	ccacaggtgc	tcaataaata	tttttgacta	tttattacat	gagaagggtt	240
ccatgcaaac	acccattgaa	tacgattgaa	cttgaaccct	aagagatggg	ctgtgacctt	300
tggtgcccct	aaactaatca	aaggggagtg	atattcacca	tccagaatct	agaataaact	360
anaccttggtg	ggccaggagc	tagctaccca	tatgataata	caagagctct	cagagaaatc	420
atggaagttt	tgagcaatct	ctctctccct	ttgctaattt	acttttcaaa	actgaagtat	480
aatgggaata	acttccccac	ctctcaaagt	tcagcatgct	ctgaaatttc	atgttctctc	540
aggcgagccg	attcatgttt	tccattccac	cctcttctac	tgggctctct	atgccctttc	600

tacagtctcg	nttntttttac	cctggggccct	tttncccttg	gggctcttga	ttgaaaaaat	660
tgctgaactg	tagcttttngg	aagtttaanc	ttttgagaac	ccgtagantg	atttcagttc	720
ttaggaaaaa	taaaancccg	ttggn				745

<210> 4808
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (713)
 <223> n = A,T,C or G

<400> 4808						
tnnnncttna	aatnganagc	tacttgttct	ttttgcagga	tcccatcgat	tcgcttttta	60
acaatctggg	gctgtgttg	ttctatgccc	agcagtatga	tatgactctg	acctcatttg	120
aacgtgccct	ttctttggct	gaaaatgaag	aagaggcagc	tgatgtctgg	tacaacttgg	180
gacatgtagc	tgtggagata	caaatttggc	ccatcagtgc	ttcaggctgg	ctctgggtcaa	240
caacaacaac	cacgccgagg	cctacaacaa	cctggctgtg	ctggagatgc	ggaagggcca	300
cgttgaacag	gcaagggcac	tattacaaac	tgcacatca	ttagcaccac	atatgtatga	360
accgcatttt	aattttgcaa	caatctctga	taagattgga	gatctgcaga	gaagctatgt	420
tgctgctcag	aagtctgaag	cagcatttcc	agaccatgtg	gacacacaac	atttaattaa	480
acaattaagg	cagcattttg	ctatgctctg	attgttcctt	agaccacata	tggttcttatg	540
aagcagcatt	atgcaagggg	aaaaaagcac	tatgtctgtg	tatgtatgta	tatagtgtaa	600
tacgtatatt	ttaacaaacc	tgctcttgat	attaagttaa	ngtgacacat	aagggtgaca	660
cagaatgtgt	aatgcaaatt	tcataagta	agtaacttta	taaaataata	tta	713

<210> 4809
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 4809						
gnnggnnnnn	nnnttgcnaa	tgctaggcta	cttggttctt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggtggag	ctcacctatt	tggaatatgg	ggcatttggt	ttttccactg	120
caatgatttc	agtctggttt	catcatgttg	gaattcagtc	acaccatttt	caaacaatgt	180
taacatagtc	cagcttttgt	ttttctcatc	tcttctgaga	ggagactcac	tgtttctgtc	240
tgaggaagct	cataccctcg	gcaaaacatc	aggacaaata	aagagaaatg	ggggtacgca	300
ttcccaacag	aagcagtgtg	ttatttggtt	taaaactctg	aacagagatc	ttggaaatct	360
ttcaaaaaga	ccattgaatt	cttcattggc	tgagaacgac	gttttaaaat	gtcttaaata	420
aggctttgtt	tgcatgtgtt	gagttcaagg	ggccttatta	ttgaatggaa	ttgcacaagc	480
ctttctttgt	gcaatcaaac	cattgntatt	ggtagtctct	taaaggaaac	tgtggaatcg	540
aattggcagt	ggagtcataa	atctattttac	tgagtgtggc	ttccaagaaa	atgttgcaat	600
tcaaaatgcc	taaagtctgt	gatttattng	gagatttggg	agattcttaa	ataatatttt	660
ttaaaaaact	tccatgccaa	cnttcttggg	ttaaatggtt	tggcaacctn	ccccttgatn	720
aaaaaaatta	aaaccaggcc	caaatggtnc	tcaaatttaa	aatct		765

<210> 4810
 <211> 800
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 4810

aananggccn	ggcnnnngg	nnnngccnnc	gnaagccctt	tgnangnaac	ccctctggga	60
angccccc	cggcggancc	cngcgccgng	gnacncggca	cgnggcagac	nanacnanag	120
gttgacgngc	cnttttcgan	caggngacgc	acnacncngg	cnggggganc	cccangccgg	180
gcagnncggc	cggggggccg	gccacgaaga	acgcgggccn	gggcgcncg	accnnggccg	240
cagataccan	caacgggcag	ggggcgnnct	nnnggcccag	caagaagggc	gaaaangagg	300
ccgacggntg	ccnggcgcgg	caccacgant	ggcaccnng	ancggggaca	cgcgagagag	360
cangtggggg	ccgcgacaca	ggggagacgg	cggagccgng	ggacangggg	ngagaaccac	420
agncncnnag	cncgccagcg	ccggnaacag	ggcnggnctc	cangcccgna	ggcnncgacn	480
cgngcaaaac	ngcnggccna	ccggncncca	cantgaaaga	cnggaggaga	acgggganng	540
aangacnggg	ngcangaggg	ntgagnnngc	caacangngg	cnaacaaang	nnccacnacg	600
cccngngnga	nggcagngnc	agcggnggag	aaggaggacc	ncaaaggcga	cggngcaggg	660
acgcacnggg	naaaaccccc	aanaggcang	gaggggacnn	ggcgnaaggg	ccggggaggn	720
nngnaagggg	ggcccggngg	ccngggcccc	nngnacccnn	aaggcccn	ngggggggca	780
aananngcc	nnnngaacna					800

<210> 4811

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4811

ngttgatcaa	gctcttggtc	tttttgccag	atcccatcga	ttcgaattcg	gcacgagcac	60
agaccacaga	cctgctatgc	ggaacaaggc	tgatcagcaa	cttgtggaaa	tagacaaaaa	120
atatgctgga	ttcattcata	tgaaagcagt	ggctggtatg	aagatgtctt	accaggtaca	180
acaggcaatc	aacacatgcc	taaaagatcc	tgtaaggggt	ttcagacaag	acgagtcctc	240
tagcgctttg	tggttcacacc	tttactccat	gatccgtgga	aaccgccaac	acagacgagc	300
ctttcttatt	tctttactca	acctctttga	tgacacagca	aaaacagacg	tgactatgct	360
cttgatatata	gcagacaatc	tagcctgttt	tccataccag	acacaggaag	agccgttggt	420
tataatgcat	catatagaca	ttacactctc	agtttctggt	agtaacctac	tgagtcatt	480
caaggagtct	atggtaaagg	acaaaaggaa	agagagaaaa	tcacaccta	gtaaggaaaa	540
tgagtcaagc	gacagtgaag	aagaagtttc	caggcctcgg	aagtcacgga	aacgtgtaga	600
ttcagattca	gattcagatt	cagaagacga	tataaattca	gtgatgaaat	gttgccagaa	660
aattcagctc	ctttaatcga	atttgcaaat	gtgtccaagg	tattttatta	cttctcatgt	720
taaaacaaca	tttgaagaat	c				741

<210> 4812

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4812

aaatntacag	tttcnngacc	nttgggcagg	catcccatcg	attcgaatnc	ggcacgnagg	60
atntactggc	cnattggaat	cnnnaacctg	anttagaaag	gctcaacgag	ancangctnt	120
cagggctgct	aaggaagcaa	aaaaggctaa	gcaagcatct	aaaaagactg	caatggctgc	180
tgctaaggca	cctacaaagg	cagcacctac	ncaaaanatt	gtgaagcctg	tgaaagtttc	240
aggtntcaat	gtntactcan	gatggaatga	tnnangcatc	tggtcacagn	tgaagggctc	300
gcntnaccna	tnacactgtc	gtcctgcanc	acannencag	catgnntgtn	ctntgcttca	360
aagnctgana	anctcttcat	ntcnatttgn	ntnacacnet	gentgacctn	gccctctnat	420
acnacntgtt	tctaaccagn	acntnttccn	tctatnntnt	tntcctngcn	aangnncata	480
tgngccnagn	cngcncngnc	ctcacatctc	gtgctcntgg	cnncttntgc	tgectgaaac	540
tcccttgnet	tacgtntgtc	tcntngggta	ngccctntcn	ctntttcnag	acttggnctn	600
aangtgtaca	acatntantg	tnnangcctt	tctnnaggat	canctaantg	nntggacacn	660
attantaagn	cttntctnta	antacttnnn	attcaattng	ctccttcata	cattctngnt	720
aaattgttcc	ctanctgggn	nagcaattan	atngcattnt	tantagttnn	gnntcccntn	780
tntgnttaat	gcctcnctta	tngggcggtn	ngggctcg			817

<210> 4813

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4813

ttngnnaaaa	ntcnctana	atcnactttn	tggnnatact	tcggctentat	anctaganga	60
naaggggnat	cccccantcn	gnatctcggn	acntnntang	ctaatacatna	gctatnnnat	120
tntttacnca	tgnaattctac	tannnnntcat	ntataataaac	nncctaaatn	antcnaata	180
nnaagnntnc	tnngggganat	antctnnnna	tnntngantc	nannnnannt	atntcaatta	240
ncnccataac	taanatanta	tntatntnna	tnttantnt	actantnnat	annacttann	300
nantactnnn	natacnanna	tatannanan	acnacnnnnt	tnttnntntt	tctntaaatc	360
aannnnnntc	ntatattact	ttncnnnatn	tnnatnatnn	tnnatnnnat	ananncnnt	420
tattntcnnn	natattcnnt	atttnnanna	taatcnctaa	tcnaatanna	tnataacnnn	480
cctatcatac	aataagnaat	acnantcctn	nnnnncnnnc	tancatctt	nnttcnnnt	540
natanntttt	ntgatnnccn	atcantntna	atacctntat	actnatatnt	tatcatntnn	600
annntnannn	caantatatt	natnanacnc	aaactactcn	actntntcna	nttaancaaa	660
nanntantcc	atatntctnc	annncnntga	ntattanana	gatctntnac	tntatancca	720
nannnnattg	nncanataana	tatcantact	acataaant	ctacnntnac	tnntaaactna	780
naannnnact	atnactcgat	tntctatnca	cttatnncan	nactactacn	cataacanca	840
gtntntcgcn	tacntatanc	gagtnatctn	nttttaaant	tatatnacat	actcnanaat	900
ancnatcnat	nattactana	catatnatca	actatatang	tnnagtanaa	atcatctttt	960
naattntntaa	ctaacagnnt	atnaactana	tgnaatatnaa	tacatanant	atncaaactc	1020
ntnnctcaca	ncgttataaa	ataaccntat	aanattgntn	tatacagnan	atacttatna	1080
acttngnatt	ntatatntcn	cntctaanna	taccattata	atgcnatnac	actatntaat	1140
actatanang	ctanategtn	nnatgnntct	cncncttatn	tacnactgcy	antcannnnc	1200
ntnttatcgn	tctcatncca	ttntaccnan	catanatata	cccatattat	antantntgt	1260
nannctntat	atatnttat	natactnann	ttngnnatnt	catatntnan	tctcncagat	1320
nntacanntn	tnatantatn	aatgcctata	ntacatnccg			1359

<210> 4814

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 4814

cttgaattcc	cctaataaaa	ccgtttggna	agcccnatnn	ctntaggnnn	ncnntgcgnt	60
nacgatnecn	cacgagggnn	ccactgacca	cnantatgtc	gnacntttna	caanggcctg	120
aactaacntr	aanaatnnca	aancatcnna	acgganccgc	cctgcctnaa	cngacgacgn	180
ntcccnttga	gnnatagccn	ngccccnact	taactgagtn	attaaccntg	tatnntntnc	240
ttcngnnggc	tcagaagctg	atngantnan	cncnatcacg	accatcganc	ttgctcnccn	300
nagancncc	cagtnaggnt	nattnagnat	tnnctnccnn	nancntatna	naatggccgc	360
tcccttgatc	nancnatcng	tgactctcat	ntactggact	catnccacct	gcacccangc	420
gnatntaaan	atccccatag	ntcacnnnaa	tnataanaca	taaattagga	tacanacctg	480
attganatgt	tnnagctgaa	caggntntac	cnnctgnann	ctcttgggng	ttaactatgg	540
atatgaacnt	cactttgaaa	actgggannc	nnaacgggga	ttncctaaat	nccttnttgc	600
tataggcnaa	tanttnccgg	gagaggntgg	agtatcnngg	atgaancaat	tcanctttac	660
tgaanaaagt	gggcncggnc	tngaattccat	agggnaaaac	canttgttaa	nattatnggg	720
ttccaacgna	anncctgagn	taacnttcca	aanggnittgn	aaganttttg	gaaggcntga	780
atgggancaa	ngggggctcc	cnatccaaan	aaattgtcaa	ntttcaagtn	cctnggcctt	840
ttntnaaacn	ntngaant					858

<210> 4815

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4815

tgnnnntttg	nttcnaatgc	nngctcttgt	tctttttgca	ggatcccatc	gattcgcgca	60
aactttttcan	tctctctaaa	gaagatgatg	tccgccagta	tggtgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaacgg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgcaagaat	gctaaacttt	tggccaagag	aatgaaggag	gctaaggaga	300
agcgccagga	acaaattgcg	aagagacgca	gactttcttc	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgcaagtga	aaaatgcttt	540
atgtgtgaaa	tttgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcattttatg	tttcangttc	anggggaggt	gtgggangtt	660
ttttaattcg	nggcgcgcgc	ccaatgcatt	gggcccggac	ccacttttgg	tccttt	716

<210> 4816

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4816

naancnatag	ttcntgtntct	ttttgcagga	teccctcgatt	cgantgcgnc	tnaagnancn	60
gencaggnet	annctcacc	cattactggc	tgntgttcta	tnaggtctn	atganggnan	120
ctgacnnaga	ccgtggnagt	aacnttggac	tctnctncan	tnactaaga	ananaacnaat	180
gtgggcnnngc	catntgccc	nctcgtntga	ncacancnan	nnaagagnct	ccagcatggc	240
aattgcnaatt	caccnnga	gctgtncatg	aagngaactn	ngttcnngng	acggcattcc	300
nacctgngcc	natgccc	acnaggantc	nactggannt	cnagaannnt	gctnntgngc	360
ctcntnaang	gcnnntgtat	ngctcaccat	ggagccctng	nggncnttgg	acntnannta	420
ctatgacagg	ccanancact	gactgaccan	cntngatgac	ggctcntgt	tacctatgaa	480
ttganntgca	tnanancntg	agngatcaaa	gttacnannt	ggtacacctc	tnnctcagng	540
atttctcagg	tnnctcgatn	tcaannctta	atatntacan	ngctaattgc	acttagaccc	600
tgncacgttc	tngatgtnan	acntccttga	cnnnatngtn	acatntttnt	tcatgnctta	660
aaagtnaatt	ggtnngcanag	tttctttcna	tnccggatgc	tctgctntta	cncaangata	720
cgngattnaa	tgtnaangnt	cgtcaggaag	nntttantga	acttntct		767

<210> 4817

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1154)

<223> n = A,T,C or G

<400> 4817

nggggggaggg	ntgagggtgta	aannnnicten	tanntatttta	ccaagcctta	ctntggggttt	60
cttttttttgg	gccaggggaa	ttccccattc	gnatttggng	gaaatttcgg	gcnaccgaaa	120
ggcagcaagg	gtntntggtn	ccacttgggg	gttgccaaag	gggcttaaan	aatgncttcc	180
aagttaaaaa	aggccagngc	aaaaattaac	cgtngggggtt	cgngcttgga	aaaaaaatac	240
cgtgggtcaat	tttcttaaa	gttgtggatt	tatttggcaa	agnttnaaan	aaatggaaat	300
tggatgnttt	tccaacnaaa	ntaaggggtt	atttggtaaa	tttcaagggg	gtattagcca	360
caccaattttt	taaatggtaa	agcccnaana	aaggatgggtt	ttgtnaccac	gtttncnaaa	420
naaaaaattag	tnacctggta	tccanntccc	aagttgggtcc	cacttttcnc	ttcctaaacc	480
tttccttggc	cctaccgcca	acnagcacca	ctttananat	tancnttgcc	accgaatttn	540
cctngaagcc	acngggaaaa	gggaatacct	tttacttgga	ccctgggttc	accgaaancc	600
gaccttnttt	agaccctnaa	tgaaccctta	ttttcactng	ggttnantaa	nacctttgtc	660
ntttggggcc	aggnccttnt	ttcaaccctn	ggaatgcttn	aagggtngga	aaactaggan	720
ttaccnaac	ccttggtccc	tttcantngn	aantnnacat	acccatttg	gttngtgcta	780
cctttngggn	attaccccat	tnctttannc	ccnggnantn	ccangngtn	ccatcantgg	840
ttcctangta	aaatnncgga	aactttctta	anngganngg	acttgaangg	ncanagnang	900
aaatttngcg	gtagaataac	cctnnnaaan	ngtcnnaatn	tgnttaannt	ncttttaacc	960
ttgaaaaatc	ntagcncnca	cttggttanc	tnnttgcccc	ntttnncccn	ncnnnannt	1020
tggcactttc	cgntattccc	ctnanaaaaat	ttaccngctn	gacatatntt	nactcccngt	1080
gccnttnggt	tnanaccacc	accntngnta	gtntcccaaa	cttctntcct	catgctacnt	1140
ctacggggag	gtct					1154

<210> 4818

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4818

ttnnnnnnnn	gtnttttaag	ntacaggnta	caanncctng	gctactngtt	ctttctgcag	60
gaanccatgc	gcntngcaat	gctgancnag	ggctntnntc	atgtatccac	tggnnttctgc	120
cncccaaant	gctngactgc	agnngtgtga	tcatggctna	ctgcnnccctt	gacctcctgg	180
gctagagcan	ntngccttcc	tangactctc	aaantgctgg	gattacaggt	gtgagccana	240
ngngcgtggc	ctcttttttac	nnnattgna	nnnnaattat	tanggnannn	tcnaaggcnn	300
aatgnattgn	cacntcnnnt	gctcacctnn	gacttgaccn	gntganctca	tggnatcnna	360
nnacncatn	ctttcnanna	gctntgacta	cnagcagcac	accancctan	ccngctagtc	420
tgtatggcgg	agcacacaca	tggaatcaac	tcggtgtgcc	aactcaggta	gaactacngt	480
actnaagnga	tncnncctgc	tgnnncnna	nggtgtcnng	nttacacntt	tgagcnattn	540
cacangggnn	atntcntcnn	tnntcaaate	ttacaccttg	ggctangctt	ggaagtgtaa	600
ngnatatanc	tgangacncc	ttagntttat	gaagctncat	tgagggtnc	tgtaccaann	660
atggncgcac	ccaactggnt	tccatcttct	taatcagaaa	tnnacattg	gngcagnnga	720
aaaaaaaaaa	agaactcgag	gccttanact	atagtgagtc	gtntng		766

<210> 4819

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(579)

<223> n = A,T,C or G

<400> 4819

ttaagccttt	gntatctgtt	ctttttgcag	gatcccatcg	attcgcgcaa	actttncant	60
ctctctaaag	aagatgatgt	ccgccagtat	gttgtaagaa	agcccttaaa	taaagaaggt	120
aacaaacctt	ngaccaaagc	accangatt	cagcgtnttg	ttactncacg	tgtcctgcan	180
cacanaaggg	ggntntttgc	tctgacaagc	anngtccaag	aanagtaacc	ataaggctgc	240
agaatatgct	agactcttgn	ctcagaatg	aangcngctt	ggcgnagccc	annaacacan	300
tgcgaagagc	ctatgctgcn	tctctgtagc	nntctctaan	tatgatcnnn	ngaaatcat	360
nntatgannc	caatgataan	acagcttaag	aacngggaaa	nccttaactt	ccagnnatcg	420
ctatctcngn	agatctntat	tggcannnnc	tgangnaaga	tggtatctaa	atgntgtcgt	480
tatgtcnctt	actgatncag	tacacncttn	atcatttcta	ngntgtgngt	tggagtctaa	540
ttggcnnncn	ttcttnccn	acctcttagt	cttatgtga			579

<210> 4820

<211> 1028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1028)

<223> n = A,T,C or G

<400> 4820

cccccgccgn	anaaaactnnn	cnnatnnang	nnncnnaann	caccnnncan	cnnnanannn	60
gnacgnnnan	ncncnnngca	cnnnanacng	canaggannt	gncncncgga	ttnnccntga	120
acctggaaac	cgntctanc	aggagnccng	cgattcgaat	tcggcacgag	agnncacagg	180
nnntgcgncg	acnanngcta	aangcnanaa	cgggaannga	gaagncgngg	annnggngag	240
ncgatgacng	gacacancnn	atnngncaag	nnggacgctt	gnnnacgcag	cnggaccnac	300

anggtgcaag	angccntcga	cnacatanaa	nnaccanaaa	aaacccnagg	cacgngggcac	360
ntccccccgg	agnaangcan	cncnnnggga	nngccgacag	ngctgagaaa	nngcngnaan	420
ccaggagggtg	gaanangnac	gagcaccnga	naggcgccat	ngcncctncan	nnnnngcann	480
nancagtgcga	ctntnnncac	angaaacaac	acnacagana	gtcaagcacc	nnaaaanctc	540
antacacnnc	cacaaggagc	gcnnntggac	ccngctncta	agnccggangt	nggnntaaga	600
cnatcgngan	cccaccaann	tccttggcca	angnnaaaaa	angcnaaaa	nggnccntgn	660
tcggcannnn	gcnaantagc	antgaaaaaa	nccggnncca	tnaaaaan	acggggncaa	720
ncctnntnan	ngngngnngc	aanagnnggg	gcncaaaan	naaacccnna	ttgcacgcgn	780
aggtnnntaa	ttagagggng	gcanacggga	cancacncgg	accgnaanta	ngggccncna	840
canaaactnn	acccaaatcg	cccagggaaa	ncgnaaacgn	gacttttnac	agaacttgna	900
ancgnacgaa	ccccncgann	agtnacanaa	ngcagnnaga	naaaaaantg	ngtcngcncn	960
nnangnngnc	tcatagggga	cnnaaanaac	ataggganac	acaccgngag	cnaanaanat	1020
taagggcg						1028

<210> 4821

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (832)

<223> n = A,T,C or G

<400> 4821

antggnaann	ngggcaanaa	nncccttaag	aannactgaa	nggaaaagcc	cgnagegnnt	60
gggnggaann	gggacgngag	gggnnggang	aggggggtaca	gaccggnntt	tggncgncgn	120
nttncganga	ncgangngng	ggnanntngg	gggggnangn	naaggggcgg	cagngggana	180
aagatgcggn	ggcgaggcca	ngaaaggang	gaagggaaga	ngggaannaa	gncaggngnc	240
ccnngggcaa	caaggagggn	aggggnacag	gnagnaaagn	ngnggaagng	gaccggagca	300
gncnaaacng	ggagngnaan	aggngggaag	naanggagng	ngcanaagnn	gagagagagn	360
acncagnngna	gaaacaggcn	nnagagaagc	agcnggngna	aaaacnngcn	ggnannagng	420
anagggagag	gaggnannaa	aggcangnga	aaagaaggan	ggcagangga	aggannngna	480
anaagcccan	gagagnnggn	nnacnagaga	angggggcaaa	ggcgacagg	gggaaaggna	540
aaggganggn	agaannngnag	ggggcnngaa	gnaacgagac	gnngganngg	ggaggnanaa	600
nggnnaanna	gagggngaag	gaaaggacaa	gnggnngana	gnggnnagac	gnangcngaa	660
naggagggga	ggagnaaacng	agnagangga	ggnangngga	agggnggacn	gggnncngga	720
gnnggaaggn	ggngannnaa	ggnnngggan	anggggnnnn	aaagggggang	nannaannnn	780
gnaagagggga	ngggagggna	agggngggga	gagaggnngg	agggcgaaaa	cc	832

<210> 4822

<211> 1036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1036)

<223> n = A,T,C or G

<400> 4822

anngacngnn	naaacnnnnn	nancnnnnnn	naaannnnng	aaanngaagg	naacannaan	60
nngnnnnncg	aaaaannnga	anacaacnnn	cannnnnann	acaccaggng	nanaagnang	120
naaaggaacg	cgcnncncan	nnncnnncgn	ngngannacg	aaancggna	ngacgntgaa	180
anntagaatg	cacagannna	nannancnna	ntagnaaaca	tcnggnnncn	nnannangcg	240
acatntntnn	ccgnttggaa	acgcttggca	atctccgacg	canagagaga	gagaagagct	300

nncaanancn	nagatagnna	gnancgnana	natanangnn	gtcannnnna	naggnnngaa	360
acncnnncnct	ctanntnnca	gctnnnggct	cacagnngan	agncaacgan	ggcagaagga	420
acatgagcct	gatgaagaga	cnggaaangg	agcacctgnt	cctgnacctn	caaagagaac	480
agnccaaaga	aatacaccca	agcanggang	ctcagagatn	aatancagag	agaggactnc	540
canctnaag	gcangnatna	nganaaggca	aaanncaaag	gtaaaggaca	tgagagctga	600
agacttgang	angctaata	gacacangga	gcactgggca	cataggctan	nccctaaact	660
gnagntngag	ganattatcg	ncagagcaga	ataccnngga	agtaaaaagg	aagnnacagac	720
ctgnnnaaaa	cgaantcgan	tagaaccnnc	cctanatata	catgaagaat	nntgntagca	780
natnatgatg	aangctgcng	gagaanaaan	gaaacactga	aagtnacnnn	antacnga	840
tnagaaccn	nnntggacaa	anntatactg	anaagngaga	atggctngcn	nncangagnn	900
anagttgaan	ccctaacagn	acgagcaacc	ancagagaaa	nngnnnaana	aantnaacaa	960
cntgggcntn	ggaaaagaaa	gcaaggcaaa	gcccgcagga	nnaaanaagt	nnatgaaccc	1020
tagnngaaaa	tggang					1036

<210> 4823

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4823

tnaatncttg	ctctcgctc	tngcaggatc	cctcgattcg	aattcggcac	gaggctacac	60
tgtgggggga	agatgctgat	aaatttgatg	gttctagaca	gcccgtgttg	gctatcaaag	120
gagcccgagt	ctctgatttc	ggtggacgga	gcctctccgt	gctgtcttca	agcactatca	180
ttgcnaatcc	tgacatccca	gaggcctata	agcttcgtgg	atggtttgac	gcagaaggac	240
aagccttaga	tggtgtttcc	atctctgatc	taaagagcgg	cggagtcgga	gggagtaaca	300
ccaactggaa	aaccttgat	gaggtcaaat	ccgagaacct	gngccaaggc	gacaagccgg	360
actactttag	ttctgtggcc	acagtgggtg	atcttcgcaa	agagaactgc	atgtaccaag	420
cctgcccagc	tcagtactgc	aataagaaag	tgattgatca	acngaattgga	tngtaccgct	480
tgtgagaagt	gcgacaccga	atttcccaat	tttcaagtac	ccgnntgatc	ctgtcagnaa	540
atattgcana	ttttnaagna	gaatcantgg	gtgacttggt	ttccaggagt	ctgctgaanc	600
tatccttgga	ccaaaatgct	gcttatcttg	nggaattana	ngacaagaat	gaacngcctt	660
tgnagaagtt	ttncntaat	gccaaactgc	gaatctttca	ttattagaag	c	711

<210> 4824

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 4824

ncgncccntn	tttaaancg	gcaanccttg	gaanccttg	gaaagccccg	nnncaannc	60
ggnacgaggc	ngggntttc	ctgntacang	caaaancngc	ttcgagggac	cacatttttt	120
cccccgnaac	ccgccgccng	ggaggggaag	annntnaacc	tgggcccggc	acagggtanc	180
ctngganann	ctgtgaccgg	aaaggcgccc	naccggant	nagtggctcc	aantntcaat	240
gcanccccac	accnnaagtt	gtttttnatcc	tgagaaaaaa	aaggaggagn	gaattattna	300
aanttaaang	aggananccc	ntcntggaan	ggcngcngac	ccttcctgca	gaaatgggga	360
gcacntgagg	acacaggtgg	gtggaggccc	nntgtgcggn	gctggtcgga	ttcnggcagc	420

cctccgtcnc	ttnttataaa	acnttgggng	agaagantat	attganaatg	tcagtgaaac	480
aagccnecat	tggnaatgga	ggcncagann	acnccacaag	gagcccttct	gcntataaaa	540
ncnagangca	aaaaaccttt	ttnaattntt	gtnaatnaaa	aggaaagact	tgntaggtc	600
anacnnanc	tgggngtg	nnnacggggg	agaacactgc	naacagggan	aaanggnngn	660
gcacacaana	aangagtgg	cgaaatttgn	ccangtggac	ccagccgggg	aaaaaacnna	720
tanaaaaaaa	ctcttcatag	anccttttta	aaaaaaaaaa	aaaaaaaaaa	cttcgngccn	780
cagaaaacca	annggaggng	acctatnccn	nnagaanceg			820

<210> 4825

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4825

ggnnnngant	gnntttmann	ccttgcaaac	gnntcgctga	gggancgncc	gaatncggcn	60
cgcgaggaa	ntnanatngt	ncatgggnata	nnngtntntt	tgtntgntat	acagtgcntg	120
nnngnagngg	ggntccgtac	tgctagnnan	gaacgtgcat	tcacagggtt	ataaanataa	180
cgatgttagc	accaancnc	ttcnaccctn	caatagggtg	tnagatgcnn	nanatggang	240
ntgcctattt	aangnntntn	nnntgcncna	tatnngaatt	ncngaggacn	acttannncc	300
gaaanntnta	cttnccgnac	cgnanggcgg	aaagngntta	tttttgatga	ctnctgggtt	360
ccgcncngag	agctcctgct	ttgcctgcgc	ctcccggttct	aaactgtnac	cctttagttn	420
tngannaccn	nncccgnctt	gggaacgggtc	tgacnntcnc	tcgaaaanag	gaagtggctn	480
aanggcnggc	ttcttgacnc	gngnatcgga	tcctnnggcc	cnnccccntt	ccgttncaan	540
cttgcttntg	caacaagcga	tngntnacgc	tttttactga	nnctcttttat	ntcgccattt	600
nggattcccg	ngttccntgn	aacnaaaang	ncnnggcgga	ngtcaccnat	aaaacctgtt	660
ccccttgctt	acaanaagca	nnganggtgc	ccgtcngngc	cctggtcctg	nanaacangg	720
ntggtgggga	ancntaaact	nncccacatt	tgatggaana	cncattttca	tnnanccatt	780
nttaaaaaacn	ggggntgngn	gcaacgcaa	nnccactacc	ncactatcca	aagntcccan	840
ntattggcgg	ggcattcttc	attggaaatt	ntggatngaa	ngaaaccctt	ctcct	895

<210> 4826

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4826

tttcaaateg	cttggtact	cgttctttct	gcaggatccc	atcgattcga	attcggcacg	60
aggcctgtna	ttccancatn	cncngncacn	aatnnaanan	ggagncctta	ggntcttaat	120
gtgaacaggc	agnngattan	gctgggcact	caggnagaan	ntcgctgtgn	tcantnttna	180
ggcatgtttc	atgattcaaa	ntactctcca	ncccttgctc	tcaatgcctt	gcagagcct	240
tgnatgattg	nattaggact	accnanatta	ncnncngtna	tcncccttgn	tnaaanngaa	300
ntcacnntgt	atgtnacann	atnctaatac	ntcaanagg	acnngtattn	tctgacnaaa	360
nagctaggca	nctnaanata	nccanattat	atcnmnatcn	ntngncnctt	nattantaca	420
tacgnanacc	tngtaaggna	tnnttnncan	tggacattgc	tacagatcag	ntgacgatta	480
ngtancctnc	ataantaatn	nanngcattg	tacnttnaen	gatcgttctn	ccnctgncat	540
gntncngttc	ctnagtana	canagctcnt	cgtattctgg	ncgnntnncc	gntatcngtt	600

nntaatgcan	atatccctat	gcaggntncc	catatnnntn	tnatnatgca	tatagccttt	660
tgaangctcc	ccatntnata	tgencatatt	ccaccatattg	aaatnttncc	tnnnnngnact	720
ttggncacat	gtaagncttg	gtnaccnaan	ntaatcatc			759

<210> 4827

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4827

gaaanccct	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaannaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttatct	gtgaaatttg	tgatgctatt	gctttatctg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgttcc	agggttcagg	ggaggtgtgg	480
gagggttttt	aattcgcggc	cgcggcgcca	atgcattggg	cccggaccca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttgcc	gtaatcatgg	catagctggt	tcctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgcctaatt	gagtgagcta	ctcacattaa	ttgcgttgcc	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccgggggn		767

<210> 4828

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4828

ttctaatttn	aatccttnaa	atnggttctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgagagaac	acagggtgtcg	tgaaaactac	ccctaaaagc	caaaatggga	aaggaaaaga	120
ctcatatcaa	cattgtcgtc	attggacacg	tagattcggg	caagtccacc	actactggcc	180
atctgatcta	taaatgcggt	ggcatcgaca	aaagaaccat	tgaaaaattt	gagaaggagg	240
ctgctgagat	gggaaagggc	tccttcaagt	atgcctgggt	cttggataaa	ctgaaagctg	300
agcgtgaacg	tggtatcacc	attgatattc	ccttgtggaa	atttgagacc	agcaagtact	360
atgtgactat	cattgatgcc	ccaggacaca	gagactttat	caaaaacatg	attacaggga	420
catctcaggc	tgactgtgct	gtcctgattg	ttgctgctgg	tggttggtgaa	tttgaagctg	480
gtatctccaa	gaatgggcag	acccgagagc	atgcccttct	ggcttacaca	ctgggtgtga	540
aacaactaat	tgtcggtgtt	aacaaaatgg	attccactga	gccaccctac	agccagaaga	600
gatatgagga	aattgttaag	gaagtcagca	cttacattaa	gaaaattggc	tacaaccccg	660
acacagtanc	atgtgtgcca	atcttctggt	tggaatggtg	acaacatgct	ggagccaat	719

<210> 4829

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4829

nntttaaaac	cttnttttta	acccttttaa	aacctttcaa	ctaccgggct	ttttgcaaga	60
ncccatcgat	ttcgaattcc	gcacgaagga	aaacatggca	cttnttnttg	ncatnctaa	120
cgggccctgg	ccgctnacc	gtggaaagta	caggtcctga	caactggggg	ncctgatggg	180
cctgggtgac	attatctcac	aacaacttgg	tggagaggcg	gggtctgnag	gaacaccang	240
agaggcccgg	actctgacca	tgggtgtccct	nggctntggc	tttgatggcc	ctgtggtagg	300
angctggaca	anggtttgat	cngancatnc	ctgncaccac	caaantggga	tgccctgaag	360
aaaatgttta	tggatcangg	gggctttgnc	cccgtgtttt	ctangctgcn	ttntnccact	420
nggtatgggg	cacttaatgg	aatggntaac	ncagnacaaa	nttgggcca	aactacatgc	480
gggattatac	tagntgccct	tatcacccac	tactntntta	tggncntgct	gtgccagntn	540
nccaactttt	annntgntgc	cccttttatt	ncaaanttgg	ancgnngncc	aaantgaanc	600
ntnttttttt	nttgaacctt	cctacctntc	cctgggaang	gcncaatatn	gnttatnaaa	660
nccttgccct	cannttcnan	tngtnttccc	aaccttttnt	aggggnntac	aganttttgn	720
ncccatggg	aancnaggac	aataacaaan	ctccttctaa	aantgggggg	antaaccccc	780
ntttctacna	gnagtttggg	tttttcccgg	tgncaaanan	tttantaaag	gaatttggca	840
ccccttgga	gggncccnt	tttanttctt	aaaaaangtc	cacctgc		887

<210> 4830

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 4830

ttntaatnc	tngctatcgn	agtnntntaa	gnncanttct	aataacttggc	ancncgatnt	60
cgcnnnanca	tncnatacag	tntnctctg	nncgaggenc	ccangtncat	ggctnnatnn	120
anggccatcc	atatgccagc	tggggggccag	gcnacantgg	ccatattgnc	tnagcnnnga	180
atgggtgcca	cctacncgaa	ttgaanggct	aagagtccca	gatagctagg	ccagagctgn	240
aagcatacag	taaggggaan	agctgctccc	acagganagg	gatagattcc	atctcactgc	300
gcancctggg	aggaggcang	gatcctgnca	cgctaagcct	naggcaccan	cctccctgtg	360
ctcgacatgc	aaagtcatga	ctcctncttg	ntgagnactg	agctaccttn	tactgtccca	420
aancnnacta	acagctctcc	aancccttgg	gggtgactcg	gatccnanga	nctgtngact	480
taantganga	tantcagtcc	tgttctgccn	nggcaggcca	nattcctncc	tccaanaanc	540
nnnatctttc	naaaccttga	anntgtancc	tntctnattt	accagctan	tttaanncca	600
aatnttanaa	anntanncna	atacctttac	tccnaaacca	cttttgnctt	cnttacctga	660
tannngnngn	netatactca	cnnttttagcc	ntaaanngaa	nccttntctnn	annagcnnat	720
ttgtctnttn	ancttggnaa	actttctatn	tanaatnacc	atccaaannt	tnnggnannt	780
cnttaantnt	ttanccnanc	tacaatnnaa	canctntaac	ctnantcctg	taantcnnac	840
aaaattnttc	nttancct					858

<210> 4831

<211> 1786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1786)
 <223> n = A,T,C or G

<400> 4831

cgncncncnc	cnncccccnc	ggnnncngcn	nnnacnnncc	ncnnccngcn	acgncnnncnc	60
naccnnnnna	ngagcncnng	ncgnnannnc	ncgccnacna	ngggntcng	ncagcngnnn	120
ccangcnnnn	cnnccngnnng	cncnggnann	gcngnancnn	nnannnnncna	cnnangctac	180
nncagcnanc	nnncnngcng	anagnncncn	nnnagcgcna	ncncgcncnc	ncngcncanc	240
ccacacnnac	gnncannccg	gncnngngna	cnggnncccc	nanctnnnt	cncnttttgg	300
ccaacncngc	ctgggcanen	accnncnntc	gccncagnaa	cgngngnang	ggnnccgnnac	360
nnccnccgnc	cccanngncc	cntntncncc	ngnagnntcn	nnnnncananc	cncagcanan	420
cncanancn	cgccccnggg	ggnnnnccgna	ccnccnnnca	cccgcgnagn	gcncncncan	480
nnccngncgc	ctcccnncn	cncgnacccc	ncnnnnngnc	ccnccngccn	gcccnncnna	540
nnngccnann	ccnnncnccc	nanacacnnc	ngncgagnc	cnnnnnnncn	cncnccnncn	600
ccccnnngnc	agacnactcc	nnccnncncc	agncnccnnc	nacccgcncn	ngnnnnctcc	660
nnnccgcangc	annncncng	ccncccccc	cggnnctggc	acacgacncn	cncaccgcnc	720
cnnccccnnn	nacnacgngg	cncnncnagc	nnccacnnanc	anncanngac	ncngacacac	780
cngcngaggc	aacacgcncn	caccnnnaca	cncantnac	gcacccgggn	catcacgcnc	840
gcngnancn	gacngagaca	acncagcnnn	nnccnncnag	nacacgcngg	cnacagactc	900
tcncacgnna	cgccannnnnc	gcacctcnc	nnnacaccna	ngcaccgcng	anancncgc	960
acnngngnng	ctcanacgca	ncangcgcgn	cnangtcncn	ngacgcnncc	nctcnacncc	1020
gcgngncncc	aacgncgcgc	cancnngac	gncgncacna	cngacgncac	nnnnacaga	1080
naggacncac	tnngcgcgan	nnccnncngn	cgncancncc	cgacgcnagt	atanacnatg	1140
cnnngnncagc	acacannnnn	cnanaccngc	cgngccncac	gctctcngc	agncacacgc	1200
ggncgcctag	agccnngcat	cntagagcac	gcgcannnnnt	ccngccacat	ngcacancnn	1260
canacnngcc	cncnncnnnc	agaccnncn	nccanctccn	ganaccncga	ctcacaccnc	1320
nctnncgcgc	aanagnnnca	gganacgct	cngetctnca	ctgnganacc	gcangacgnc	1380
ccttnncnact	canacnncn	gncacagnca	cncnncnccg	nacacnncnct	nnacatccg	1440
ngnnatcncn	ncnannnacg	nacannncgc	gcacengcac	gcacaccann	gncngacga	1500
ccnccnccgnt	canacctgcg	ancngctcat	gcgcgntntc	tacacnccgn	cngtnncnnc	1560
cncgaccgnc	acagnncnnc	gctnccgntnn	cnnccnccnc	gcgcgntccc	ancnncaggc	1620
nnctacnnnc	cagntatccn	gngtnnnngn	caacgcncag	cgntctcnn	acanncccgga	1680
ngcgnngncn	ntnccnnnga	gagcaccag	ntanncaacc	nnacnccaga	naactcnacc	1740
nactcgntca	cagntcgcgt	gtcnaccngg	atacaccgac	cccacc		1786

<210> 4832
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4832

tttatgncnt	agtgaactct	ttgggaagca	nnccccatcg	attcgctcag	attaaggggt	60
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atcagagggt	caacatttgc	caaagcaaaa	cctgaaattc	catggacatc	tctgactcgg	180
aaggggcttg	ttcgagttgt	attttttcca	ttgttcagca	attggtggat	tcagggtacc	240
tctttaagaa	tctttgtttg	gctgttacta	ctttatttca	tgcaagttat	agcaattgtc	300
ttatatattga	tgatgcctat	tgtgaacata	agtgaagtac	ttggaccctt	gtgccttatg	360
ctactcatgg	gaactgtcca	ctgtcaaatt	gtgtctactc	agataacaag	accatcagga	420
aacaatggaa	atcgaagaag	aagagtttcg	ctcttggtgc	ccaggctgga	gtgcaatggc	480

gcaatctcgg	ctcactgcaa	cccgatacct	cctgagttca	agcgattctc	ctgcctcage	540
ctctcaagta	gctgggatta	cctgcgtatg	ccaccacacc	cagctaattt	ttttttttga	600
atttagtaga	gatggggatt	tcacccatgt	taatcanget	gatctagaac	tncctggacct	660
caggtgatcc	anccggcttg	ggcttccaaa	aggactggga	ttaccagcgt	gagccactgn	720
acccaaaccg	nctaaacctt	ttaaaaaagg	attatttgg			759

<210> 4833

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4833

ccaacgcngg	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggat	60
tagtactagt	tctatctgga	aaaagcccgg	ggtggaagaa	gctgtggaga	gtgcgtgtgc	120
aatgcgagac	tcatctcttg	gaagcatccc	tggcaaaaat	gcagctgagt	acaaggttat	180
cactgtgata	gaacctggac	tgctttttga	gataatagag	atgctgcagt	ctgaagagac	240
ttccagcacc	tctcagttga	atgaattaat	gatggcttct	gagtcaactt	tactggctca	300
ggaaccacga	gagatgactg	cagatgtaat	cgagcttaaa	gggaaattcc	tcatacaactt	360
agaagggtgg	gatattcgtg	aagagctctc	ctataaagta	attgtcatgc	cgactacgaa	420
agaaaaatgc	ccccgttggt	ggaagtatac	agcggagtct	tcagatacac	tgtgtcctcg	480
atgtgcagaa	gttgtcagtg	gaaaatagta	ttaacagctc	actcgagcaa	gaaccctcct	540
gacagtactg	gctagaagtt	tggatggatt	atttacaata	taggaaagan	agccangatt	600
taggtaatga	gtggatgagt	aaatgggtga	ggatgggagt	caaaatcaga	attatnggaa	660
gaagtatttc	ctgtaactat	ngaaagantt	atgtatatat	acatgccana	aatatatatg	720
tgtgtgtgtg	tctgnnggat	gatatatgta	tatctcttcc	tatatatatc	cc	772

<210> 4834

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 4834

ggnnccnnnn	tttttaactc	ntgccctttg	aanncccttg	tacctcncnn	ngganggggc	60
cctngtttna	attcgctncn	acccanngat	gggccagngg	gngaacttnc	ttgagtatgt	120
cgcctttccg	gnggncgttn	nctnngttct	acnnagaacn	cttngagggc	tgaaaataaa	180
tntggaagat	nganacaccc	tntgnggggtc	ctctctgaga	caaatccatn	tgggtgggtaa	240
ttgnacanta	aatntttttt	gntcaaatnt	nnaaaaaaaa	aanangcctn	tacaactctt	300
gtgagtctnt	ttaccnccat	ccnnacatga	taatgatata	tatgatgatg	ttggncacaa	360
ccaacatcta	gaagtgcgnt	tnaaaaaaan	gctntntttg	cgnaanntnn	gatnctnttg	420
nttntttnga	nnccnttgng	cctgnataaa	caagttaaca	acgacanttc	tttcattagg	480
ggagtctngna	tnatgggtgg	ggccangnan	gngttctntga	atctngcntc	gtctcctnca	540
ggncatntnc	acnacacccg	aantttgggc	atntnttttt	gnctnttgaa	cggnnnctng	600
gngttnatca	aggatatnnn	ntttcctgtg	tgcaaaattt	gtcccctcnc	naattccacn	660
ctngcatgcc	atcccggnat	cattnaaggg	taaaantcct	ggggggnggc	cnnatgcagt	720
nngcncaacc	tencatttgn	atngctgggt	ggancataan	tggccctgct	attttanttg	780
cngngnanaa	catnnctngg	ggcctntngt	gncatntaan	atanattggg	gcg	833

<210> 4835
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4835

tttattccat	cagctcttgt	cttttgcn	ga	tccctcgatt	cgaattcggc	acgagattct	60
ccctaaatag	taaatccac	tgtatacaaa	actgttctct	tgttctgcct	tttaaaatgt		120
tcatgtagaa	aattaatgaa	ctatagggaa	tagctctagg	gagaacaaat	gtgctttctg		180
taaaaaggca	gaccagggga	tgtaatgttt	ttaatgtttc	agaagcctaa	ctttttacac		240
agtgggtaca	tttcacattt	cactaatgtt	gatatttggc	tgatggttga	gcagtttctg		300
aaatacacat	ttagtgtatg	gaaatacaag	acagctaaag	ggctgtttgg	ttagcatctc		360
atcttgcatt	ctgatcaatt	ggcaagaaa	ggagatttca	aaattatatt	tcttgatggn		420
atcttttcaa	ttaatgtatc	tgtaaaaagt	ttctttgtaa	atactatgtg	ttctgggtgtg		480
tcttaaaatt	ncaaacaaaa	tgatccctgc	atttcctgaa	gatgtttaaa	cgtgagaagt		540
ctggtaggca	aagcagtctg	agaaagaaat	aggaaatgcn	gaaatagggt	ttgtctgggt		600
gcataataatc	tttgcctctt	ttaagctctg	tgactctgaa	atatattttt	gggttcttca		660
gtgtgtttgg	acaagacact	tgatatttct	atcaaacaaa	tgactttcat	attgcaccaa		720
tctttgtaag	accactcaaa	taaaagcttt	taaaangcaa	aaaaaaaaaa	aaa		773

<210> 4836
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 4836

gccnnttgan	nccatcanct	cttggtcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagggggcnc	aaannatntc	ntgatgacaa	anancctctgt	atancagggtc	antcncagtg	120
tttnagtcct	cagttgcttg	cttgggggaa	tngngtccct	aatgngaata	gnntgctnga	180
ttgctcnggc	nctgntactg	tgacagtgtt	tttagacctg	tgtnnctaaa	aaaaaanatna	240
atgcnctgaa	aaggggtgtg	ggaggggtgt	tcancataga	aacanagatg	ttanggtgtt	300
tagattttang	gttggnaaca	aggatcatct	tagtcaccnc	actgggnagg	cagcatttgc	360
tacattggcn	nactaactnc	cnttgctann	nnntttcang	antncaanna	cntgtgnatc	420
ntagtatnnn	agnntgaaat	nantttccac	cannagcggg	cattgtttct	atcacagcat	480
aggctatgtn	aagcnaactc	tannatgata	aatgacaccc	nntnttatct	attngcatcg	540
acccccgtct	ctacaagaaa	gtnaccaaaa	attnnccccg	ggcatgntgg	tnggggcacc	600
ctgtnggtcc	ccagctattt	caaaaaaggc	ttganggnng	ggaggaatca	cttggacccc	660
cggggggggg	tggaggggtg	canttgannc	caaactnacg	cccactgcan	ttcccgnctt	720
ggggtggaca	caagnagac	ccccatttta	taaaaaaana	atnaanaacct	cctttggnaa	780
cnngggggna	aantctnttc	tttttnanga	anttttctng	ntnggacttt	gggggttctc	840
tatgactttc	atntc					855

<210> 4837
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (932)
 <223> n = A,T,C or G

<400> 4837

nnnnnnngann	nnanagannn	nnnnnnnngan	nanntcctnt	tnnnntagga	nttgnaaatn	60
cctcggttcta	aatncttggt	aaacncctng	ctnnanggtg	cgngccactn	tgtccggnnc	120
gagggtgggc	ncacacncta	atntcnctgg	gtccatggta	ntnccnatta	ngcatgctgt	180
gttnttgcan	atgatgtant	acganatcca	cggtgttngg	ttaatgattt	attcactcat	240
tagtcattcc	acaaactagt	ctngagcacc	ngttatgnac	ccanactgtg	gctggaatgc	300
tgaggagaca	ggagtgaagt	aaaaagacat	ggntccngca	ggaaacaggc	aaggagagcc	360
ttgacttgac	ggantctggc	aatancgcca	ggctggaatg	caatggcgcg	atctctcttc	420
actggancct	acgncctncg	ggntnaagca	antctactgc	ctcagnanct	ggagtancctn	480
ggnactacag	gcnngecgta	ccacncgcnn	atgagaaaac	ttnnngccac	agagaggtga	540
aataagttag	atgcttncta	acctaattgcg	anaaccncgt	gaaaagattt	ttggcaacct	600
gaaaaatccc	atnctnnnnt	gaggattnta	tngncaaccn	gnaatcaant	cttaggnaan	660
atgaatgccn	nttcgggant	aaattcnatt	tttntntatc	tcccannaag	gaaggaaaac	720
ntnnnaagcc	tctangaatn	atnnngnctt	nctaaccng	ngtantcaaa	actnttnncn	780
aatctattgg	naaacccgat	ctagannttt	ttnaatnacc	ntnaaaatct	nnaaaagaaa	840
gnncaatnag	tatntttattc	actcgaaaag	tctccaaanc	ncnntaaaag	aactcnantg	900
gaccaaacta	cncnttgng	gaannttaan	cc			932

<210> 4838
 <211> 1358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1358)
 <223> n = A,T,C or G

<400> 4838

ttgnnggaac	cccnnttttt	ttntttaaaa	aaaanccccc	cantttcccn	aangggccct	60
taacctccng	gttnttgtn	tnntttttta	ctgatnngaa	angagcanaa	cncncagatn	120
gntnantgta	aantttntcta	tcnccnccn	aangtanctt	nctttgtatc	caaccnnggt	180
ntagtcgtct	cnnncntaga	ncttaantat	ataannnata	aacacctacc	gtgntatann	240
tntgtacann	tannnnncngc	gcgnngngca	ncnnangtca	tatanacctt	gcgccanatn	300
cttctacana	ctacancctt	atnanggnnt	nnataaagtt	cttaataacg	catcatnntg	360
ttcaacaact	ggggtagcta	tantgaacan	tctnancan	naannatngn	ttcncaaaaag	420
ganaancatc	tcnntatang	antaccctnn	ntttgnncaa	tnatatnaaa	tncnntganc	480
nancncncgt	ntgnntnnaa	gnnttgaatc	tngncaatat	gttggnnnnn	gcntntntnnn	540
tttnanattn	anaaaccttg	ncntnatnat	ncatgtggta	tgtnaanacg	tncnttaaaaa	600
taggnnnaag	acgnnccnat	tgcennacnt	tatanaatnt	cntnnnncca	tnntgctcga	660
ttntgattac	aaatattgnt	gcngannngn	anaatnacct	cnatcttgat	nccttnnaat	720
annnannnaa	anaattnnnt	nctttctnnn	tcacacnaca	ttccnacgta	ccntnatnat	780
ctttgtnnna	cgtcattgta	cnaacaactt	aatgtagctt	tgnnanacnn	aacaatntcc	840
tctctttggn	nnnanggnat	gcacncattt	ccnnttgnta	ntaacctann	tcngnnaata	900
ttgtaatagn	cncettaacgc	ntcnaantct	cgggtaatcn	nancaaaggt	ttgtcacnaa	960
ttctnnnccg	ttncnangcn	taactntntn	cntaanacat	ngattgntta	actcgaangn	1020
atatgancgc	gancgcatgn	ncncanancg	tcacttcttg	ggataccccc	gctctacttt	1080
anactcttta	angncanang	gttacganac	tgcactngna	ctgtangett	ngtttactct	1140
nccnccgnaa	anactcntcn	atangatgnt	tangcnccna	cgcannnnntn	ncgnantcta	1200
tncgagcana	ntnaacnnnc	tccanatnaa	naaaatngtn	ntgtngnac	anataannga	1260
cntatccttc	tgtatattct	cgacgcgaan	anatggtacg	tgagngnttt	acntaangta	1320

ncanatntn ggttnacact nnnntatncg agcctccg

1358

<210> 4839

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4839

gnnnttttnan	atcagctact	tgttcttttt	gcaggatccc	atcgattcgc	tgaaatgtca	60
aacacggcca	cctaggcagc	atttacaanc	aagagtccac	tgcttnnttg	atgtatatct	120
taagcgcccc	cagtgaatga	acagcatata	actccacata	aaaatcatta	aatgttnattg	180
acttccagag	caggcagttc	tgtgtgtatg	cctctggaga	aggctggctg	aattgnaatt	240
ggtctgtacc	tnctgcctat	catgtacatg	angtnnttgg	gcaaagagaa	ctttccanaa	300
nataagtcca	naaattatag	atcatcanac	naccaatgac	atattgntga	gatatctnca	360
agatctagaa	tngncctggg	tgtcaaggaa	gtctntgggg	tttttacaaa	tattgataat	420
gcnccttttta	taaaatgcac	tttttataaa	aatgcatgct	cacttgagac	aacttgaaaa	480
acacactaga	aaaggccggg	cgtagtggct	cacgcntgta	atcccagcac	tctgggaggc	540
cgngacggnt	ggatcacgat	gcangagatt	gagaccatcc	tggttnacat	ggtgaaaccc	600
cgtntctact	aaaaatncac	naaaattagc	anggtgttgg	tgacgnggcg	cctatagtcc	660
catctactna	agaagcttga	tgcangaaaa	atggtgtgaa	cccaggaaac	gagctt	716

<210> 4840

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4840

angcagctct	tgttctnctt	tcaggaccct	atcgattcga	attcggcacg	agccaagctg	60
taccagagtg	cangaggcat	gccaggagga	atgcctgggg	gatttcctgg	tggtggagct	120
cctccctctg	gtgngcttc	ctcaggggcc	accattgaag	aggttgatta	anccaaccaa	180
gtgtngatgt	ancattgntc	cacacattta	aaacatttga	aggacctaaa	ttcgtagcaa	240
attctgnggc	agttntaaaa	agttaagctg	ctatagtaag	ttactgggca	ttctcaatac	300
tngaatatgg	aacatatgca	caggggaagg	aaataacatt	gcactttata	aacactgtat	360
tgtaagtggg	aaatgcaatg	tcttaaatna	aactattttaa	aattggcacc	ataaaaaaaaa	420
ataaaaagaaa	actcnngcct	ctagaactat	agtgagtcgt	attacgtaga	tccanacatg	480
ataagataca	ttgatgagtt	tggaacaaacc	acanctagaa	tgcnngaaa	aaaatgcttt	540
atthgtgaaa	tttgagatgc	tattgcttta	tttgtgccat	tatgagctgc	aataaacaag	600
tnaacaacac	aggttgcat	catttnatgt	ttcaagggttc	aaggggnagg	tgtggggagg	660
ctacttaatt	tcattgacgc	ngggnccttg	cnttnngggc	nnngacccca	gntttttgtg	720
cctttnngng	agggttaant	ncnaacttng	ggttaann			758

<210> 4841

<211> 739

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (739)
 <223> n = A,T,C or G

<400> 4841
 agnnnantnc tatgatccct tgnnncagga tccatcgatt cgaattcggc acgagtgcct 60
 ttgntcccca actctaggga gctagtttca tacatttaan ancncgtgctt acctcanagc 120
 tcccttttnag cancngcaga cttnnanatc tgtttaacca gtccctata ttaaattctc 180
 tctggnnaaa tacatggngg ggctttgatt anctgctgaa cccnagnga tncataccnn 240
 atnatgctnc nnaannnatg cnatanncnt acaannatnt gtantnnagg atncctatnn 300
 cnanactgct ngtnntanca ncatcancat gacannnacc tttaaangtn ttnatntan 360
 ctanaattat ctaaaatgtt aaangncnta aaacannnna ntaagcaaaa gatganntca 420
 agtgtatgtn catttagtag tgacttgtag gatttgacgt gttcatgaca gctggctatt 480
 tgtattgtct gaatgatagt gtatttgngt actttgcccc ttgcctattg gggcattnta 540
 aaatngatcc ttaggtaatg ttaattaaga acattgacct ngggcanggc gcggtngctc 600
 acncctgtag nncnaacacn ttncgagggc gangcagnaa attcnanana angagtttga 660
 tacatctggg caacatngcg aaacctgnct ntctanaatn tananttagc cggcanggng 720
 gagctgcnga ntccagtag 739

<210> 4842
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 4842
 ttatnnntac cgctttgcna ctncncgcag gatccctcga ttcgaattcg gcacgagggg 60
 gattcagatg atggcgaga tggtcgaggt tntgagaacg ganaaatnaa ggcnccttcgg 120
 acagctnctc tggcaatgta tctgaagggg aaagccctnc tgacagccat ggaggactct 180
 ttccagggaa gacagnnatc aaangacaaa gctgccactc cangaaaaga tgggtcccaaa 240
 cgttctgtac tgtccaagtc agttcctggg tacaagccaa aggtcattcc aaatgctata 300
 tgtggaattt gnetgaatgg tnaggagtc aacatgaaag gaaaggctgn atcactnata 360
 cactgctccc aatgtgagaa tantggccat ccttcttgcc tggatatgac aatggagctn 420
 gnttctatga ttaagaccta cccatggcan ngcatggaat gtaaaacatg catnatatgt 480
 ggacaacccc accatgaana agaaatgatg ttctgngata tgtgngacag angttatcat 540
 actttttgag tgggccttgg tgctattcca tnacgtcgct gnatttgtga ctggtgtcaa 600
 cngncccncc caacacccag taaantgtgg caaaaagggg aaaaatnagc aaagagggat 660
 naaancgttt ttgactctaa tctgtatatg catttaagtg gaatatttgg tgccattttc 720
 aacattantt tcatgcccat aaaagaatnt 750

<210> 4843
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (730)
 <223> n = A,T,C or G

<400> 4843

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tnnctttgat tcaattcata gcnactgggt ctttttgcag gatcccatcg attcgcccag      60
ggccgcctgc ctgagcctct ctgcagctgc tcacctcctg ctgaggcctc tgccttcaga      120
gctagtgggg cctgctcaca cattccagta gtttcctctt tatttgcctt gaaccaagtt      180
gtagaattta aaggaggtga agtaaggcga tttctatgga aaatatattt ttcttcttta      240
ctcctcatgc tgagtgcata agaatttatt atttcccctg aatgttcaaa gtggtgtgtg      300
tgtgtgtgta aaagaaccag gagcaaacaa tcttaatagg aatgtgcatg cttgtgttta      360
tcttttagcac acttaattag ctacaaccog ggactgttgc catttgaaca agttgttaag      420
aaaatctgcc atgttttgct ctttttcaaa aggaatgact ttaataacca tagcaacact      480
tactcagttt tgtgatccac tccaagatta tgggagcaag aacagatnct cctgaaagca      540
acctcacctt tcttccccgc ccctgcctc agcaagtcct ggctgtgtg aactgaaggg      600
tttggaagct ctggtttcta ngagtgcoca naactagaaa gactagggtg tctaattatt      660
tgagggggcan ttgtcaatgg cantgtgggg ggcaccccat tgttatttcg aggcactgca      720
ttgctttttt                                     730

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<210> 4844

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (818)

<223> n = A,T,C or G

<400> 4844

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tntcctncgc gngnecgnatt ccnctaagga gaggcncgga tccctcgatt cgaattcggc      60
acgagtcctg atctcccagc ctcgtttccg cntgcctcgg cctcccnnnn ngcngnnatt      120
acaggcgnga gccaccgagc tngncctgga tcaaattcta atccatgcgc atgggnacac      180
aagantactg ggttgaannn attctagntt tgtnatttaa atacntgnng atgaatctat      240
tttagcacan ggtataaata actcgggagg tcatctctat cttctctcct tnantgcatt      300
tgggtatacc acgtttaagn nctaaaacag ctngncntat gttggccagg ggaaaacatg      360
gcatnctgtg cgcaaagntn aatgatecgn gncnncnctt ggcccctccc tgggtttatg      420
gncancgtaa gangcccgca tgttaaagct taaaccgtca nttgggctng gtgtaaatcc      480
ccnattnaat tcntggnggg ncaannctct tgaccccgna aacaatggaa agggccanct      540
ggggcctcna anntgtngga gcccenntta acaaacnntt antngnaaac ctttggaatt      600
ccaaccttna aaggggagggg naccatggaa gatanttgag tggcccgnntn ggaattgnan      660
ccccttnaan gcaattagtt tcncnnaatt ttcttggttn anaaaanatg cncnnaanac      720
cngggggggc caannctggg ctaaagccgg nggggctcnc anaaccnggg tttttaactn      780
tngatacant angngaaan aangggcccc tttttaan                                     818

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<210> 4845

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 4845

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agcttcattn nactatcagn tgcgctgctn tangtgcngg atccnttcga atccngcncg      60
aggcgngang gcangganng cagngcnan gncnnttaa gcnnntttct gtcttatcac      120
ncagngaatn aanntgaact ggatcngaac natcccatat tanccgatcc tttnctcnaa      180
tgaaagaaaa nacntannna gaacanatan gctnaaaactg atacagnaag tngccgtcag      240
cctctagaac tatagtgagn ngaatgncnt acanccanac ntgatnanan acattgatga      300

```

gtttngncaa	accacatctn	gantgcantg	aaaaaaatgc	nctattcgng	aaancantga	360
tgctattgct	ttanttngga	accattataa	gctggnataa	acaagctaac	aacaacnatt	420
gcattcatnn	natgctncag	gancacgnng	aggtgnagga	ggnagtgtaa	ttcgnggccn	480
cggagccaat	gcattgggcc	cagacccacn	tntgaccctn	tagtgagggt	taatggcgcn	540
cttngcgtaa	tcattggctcat	agctgcttcc	ngcgtnnant	tgatanccgg	tgcaatntca	600
ncacatacga	cgggacata	aagtgaagc	ctggagnanc	ctaangaagt	gaccaactca	660
cattnatngc	ctgngntaac	tgccccnttc	cagtngggaa	accnnnncgc	canatgctta	720
angaatcngn	cacccgccgg	ganaggcg				748

<210> 4846

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 4846

gnnttnaaan	nttgcttggn	nnnnncnctt	tccgcaggat	ccnanncgat	togaattcgg	60
cacgaggtn	agctcnccta	netggnatnt	gggnngtnng	aaacatncnc	tntcctgata	120
ccantgtgcn	ngaatcanga	nacatangcc	attacacngc	gtctatgcaa	gcttgacat	180
aacntcangt	actgcagctc	acacaccctn	tgcnaggcng	aatnantngn	tctgcctccg	240
gatacnaana	atntcggctc	ngcctcagng	ctaatgatcn	tnatgtngtg	tnctnnagta	300
nntgctgtat	ctgngtggtta	tntntgccaa	actctagnta	ntgatcttat	gatcccttnt	360
ngaantaana	tggggttctt	gantgnctga	gaacgacttg	cacaatngnt	tnattgtggc	420
acgtcatctn	ncaatganta	nnnagnctat	tnnccanggn	anactcngnt	cntacntggc	480
nctaagcact	ntnttgncga	tnngcancnc	tctgtgaaat	ggaattacng	ntattcatgg	540
ntaattacnn	attttggccc	netttctgtt	tnacaaatga	aggcttaaan	ctaantgtcc	600
aaantgnata	atgntccctt	aattanaagn	ctacttcatt	caagtganaa	nngnccgtaa	660
tnaannenta	ctctncnact	gcataatatn	nnccnagga	ctnn		704

<210> 4847

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4847

agntntttcn	atttctnatn	ttgttctttc	tgcaggatcc	catcgattcg	aattcggcac	60
gagagcagct	taagcagcag	acgcaaaatc	gaatgaagct	aatggccgac	aactacgagg	120
atgaccactt	caaatectcc	cattccaatc	aaacaaatca	caagccctcc	ccagaccaga	180
tcatccagcc	cctcttagaa	cttgacccaaa	atagaagtaa	attaaagttg	tacattggac	240
acctgacaac	cctctgccat	gaccgagacc	ccctgatcct	ccgtggactc	actccaccag	300
cttcctataa	cttgagcagat	gaccaggcgg	cttgggagaa	tgagctgcag	aagatgaccc	360
gggggagcag	tcaggatgag	ttagagaaaag	gtgaacggga	caatgcagaa	ctgcaggagt	420
ttgccaacgc	cattcttcag	cagatagcag	accattgtcc	cgacatccta	gagcaagtgg	480
tcaacgccct	ggaagagtcc	tcttgaccct	gctttatggg	gaagcctgag	gtagtcaacc	540
caggagccaa	gaaaagagaa	ctacgaggaa	caggtgcccg	gaaccttctt	ggcaccaaac	600
actacaaact	tcatcccaac	ttgtctcactt	gaagaagtgt	gattncagca	cccgtttcta	660
catctgccat	cttactctgc	ctttctgtctt	tggatgtggn	ctctacacta	acctntttga	720

tgtccanggt agatnaangg tcgaatcttt ntgnaaaa

758

<210> 4848
 <211> 1030
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = A,T,C or G

<400> 4848

gcgtcncact	ttgaancntc	naannngnggg	caatcnaatc	gcncnangnn	nctaggtann	60
cgaattcggc	acnagagcag	gcgcttggn	cctaagggtg	atggttagagt	agtgattatg	120
gtcagcgtgg	gtgctatncn	ngtgttncag	nttttcanc	ggnggaatag	ctacaataag	180
gnaatcagct	acctagccac	agngcccaag	tnccgtntcc	aagctacnga	gattgccaag	240
cancanggac	tgntcaaaaa	agccaaataa	aaaggcnaaa	acaaaaagtc	caangangat	300
atccgngacn	aggangagaa	catcntaaag	aacattataa	aaagcaanat	antatttana	360
gggtgntan	tcagnaacnc	caaatanagn	gnatntcct	ctgtatnana	tcaatcctag	420
ctcctntnn	cctatnctca	tatccnann	tggcatangt	cnggagagat	ctacnntttc	480
aacatcaanc	ggntnnnnat	tatggnanag	nantnacaga	tcantccatt	ctacnntaaa	540
tctatnacn	ngtnnactnc	tctattnnaa	tnnnactatg	aanatnctct	naactaaanc	600
ntttcnttta	nncnaaaanc	ctcntggnct	ncatggnnnn	aattnnntac	ngtccttncc	660
aaaccnncna	nacacncacn	gancntaatc	ttcacaanta	nnaacantct	gngctnanct	720
cgaacncccc	tnaattggct	naccannatc	ntccactggn	atcatncggt	antggantta	780
aanngcaact	cggntctctg	nggncnctg	nattncaan	atcnnnnntgc	gnntatttnt	840
cttgacacac	atatannctc	ncgnaatttn	ncntannctt	nnnnctctca	aatactctct	900
ctanacatag	agcaattann	tntctgatna	tactntngac	cncgtcantc	acnacgngca	960
caanannata	tcattgtaca	ttcatntatc	tgtngacttt	acnacagtcc	cngccaatnt	1020
aacaaacnnt						1030

<210> 4849
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4849

cnttncctna	ncagggtatgg	ccattncent	ttntgcagga	tcccatcgat	tcgcctgtcc	60
gagagagccc	cgctcacggg	gcacagctgc	tacttttttag	gccttgcctgc	acttcgggac	120
ccactgcttc	aactggcact	ccccacgta	cgagtatgcg	ttgagacatt	tgtacgtgct	180
ggtcaacctt	tgtgagaagc	cgtatccact	tcacaggata	aaattgtcca	tggaccacgt	240
gtgccttggt	cactactgaa	gagctgcctc	ctggaagctt	ttccaagtgt	gagcgcccca	300
ccgactgtgt	gctgatcaga	gactggagag	gtggagttag	aagtctccgc	tgctcggggc	360
ctcctgggga	gcccccgctc	cagggctcgc	tccaggacct	tcttcacaag	atgacttgct	420
cgtgtttacc	tgcttcccca	gtcttttctg	aaaaactaca	aattaggggtg	ggaaaagctc	480
tgtattgaga	aggggtcatat	ttgctttcta	ggangtttgt	nggttttgcct	gcagttttga	540
ggagcaggaa	gctcatgggg	gcttntgtac	cccccttaaa	aggagtcnnt	attctganaa	600
ntngaancctg	aaacctttnt	aaatcttcan	aaangatttt	attngaanaa	ggnccnnanc	660
nccnaaangg	aaaacnnnnn	tnnaaaannt	natnantttt	tgaaagnnnt	ngnnttnnaa	720
actannnnng	nnnnncnnaa	ccaancnnnn	nnnnaanacc	n		761

<210> 4850
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 4850

ttnacatcaa	gctcttgntn	ctanccctt	cctcgattcg	aattcggcac	gaggagagag	60
agagagagag	agagagagag	agagagagag	agagagagag	attnagagag	agagagagag	120
agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	180
agagagagag	agagagagag	agagagagag	agagagagag	agctnaagg	aaggctgccg	240
ggaaggcaaa	tggaacagga	atggacctgt	ctcangaagg	ccagctgcan	gtcctccaca	300
aaatcaaaga	aggggaagaa	ctctgagttt	gaggtacagg	ggcttcnggg	tgcacacgtc	360
cctccagggc	ccatggtcag	tattgcacct	gtgttatgaa	cccccatatc	tgtgcagggc	420
aggggcgggg	gctgctgttt	tattggggag	gggagcctcc	taaaaatggg	gtccaggcag	480
accctccag	acctcacact	gncgaggagg	cctttcccaa	aggggcgttc	tccccgggat	540
gcanaccgna	tggtttgtgg	gaaaccnccc	tttaaatacc	ccacaccgac	gtattccttg	600
ttcccgactt	tttcccggt	tntttgtttt	gaaaaatacc	tgtnnngttc	angcctcntt	660
ggatcttaaa	atgggcaana	atagggaacc	tttttttttg	tcaccaaaaa	aaatacctgg	720
ggggggaaaa	attgtttgtg	aaaaaaataa	gacntttttg	ggaccaccac	caacnttttt	780
tggggggcct	tccaccttga	ancctttccaa	ntttttttta	aacctatggg	anttttattn	840
aacnttaaa	tggtttttct	tggtttttct				863

<210> 4851
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4851

cgcgggcgna	agcgagcnc	ttcccaacnn	ccttgatcc	natcgnccc	aattcggcac	60
gagtatgggc	ttgnagaaat	gctaccgttt	ttttncocgt	tnanacntgg	atcccgaac	120
tnactaacg	tnnagtatca	ggcnnaatgn	cnggaaagg	nnggcttatg	naggcaacta	180
cagatagtgt	taagggatca	tacagaagat	attgatgata	gnngaaatat	tcttagaagg	240
ggtgtgtatg	tctagctgng	tctaccatgt	gtatgtattc	ttgacaagca	gtataaaata	300
cctgtgantt	ttctttacat	tagggataat	gcataaggaa	ttaatcttca	tatatattat	360
catcccta	gtagcagggg	gaagtattta	attgcccatt	atatgtattt	tacttatact	420
atgccagaga	ggaaacnata	aagnaattac	acatgtaatc	ntgggttntt	cacatatgta	480
ggtatncatt	tngagtaggt	tgaagaaaga	aaaaaaatat	ttaaatgaan	tgaattcctg	540
atgggatagt	ancaataagt	atttaaaagc	cngtattcna	aaaataataa	agggtacggn	600
catttttgag	cttgnnttc	ntttgctacn	ggaaatantc	caaannaaag	ngntancant	660
ggcaccngct	ggncctcaacg	cacntattgg	naaccgcact	gganaggatg	aacaaggggt	720
nagncaatag	caaacccta	taacattccn	ggccaaanac	c		761

<210> 4852
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4852

ttgaaccttt	ntacancctct	tgtttttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaccaagta	gaccagaaac	tgaccattct	cagtcctact	tcagaaaaca	acaagaagct	120
tttcaatgat	ctgttttaaa	ataatgcaaa	ccgtgctgaa	aatacagaga	gaaagcaaaa	180
tcagaattat	tttatggagg	tgatgactgt	agaaggagtc	tatgattacc	tgatgtatgt	240
aggacgggta	gttttccagg	ttcctgactg	gcttcatcat	ctcttaatgg	gaactcgaat	300
cctcttttaa	aacaccctgg	aaatgtatac	tgattactat	cttcagtgtg	aactagaaca	360
gctatttcag	gagcaccgtt	tggtctcact	cataacactt	ctcagagatg	ctatatcttg	420
tgaaaacact	gaacctcgct	ctctccaaga	taagcaaaaa	ggagcaaaac	agacttttga	480
agaaatgatg	aattacattc	cagatctgtt	agtcaagtgt	attggtgaag	aaaccaagta	540
tgaaagcatc	agacttctgt	ttgatggctt	acagcaacca	gtactcaaca	agcagctgac	600
ttatgtttta	ttggacattg	tgatacagga	actgttttnc	gagctcaata	aggtaaaaa	660
ggaagttacc	tctgtgacat	cttgggatgt	aaacactttg	ggatttggta	tagaataacc	720
cattgaaatt	tctgctgtgc	cgaagggtgt	agaaatttac	ttttttgggt	atatcttat	779

<210> 4853
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4853

tttccagttt	tanttttttc	ancttttnga	tcnntttgca	ggatccntct	tttcgaattc	60
ggcacgagat	tctccctaaa	ttgtngatcc	cactgtttac	naaactgttc	tnttgtgctg	120
gcntgetnan	tgctntgtag	nncctttctg	nacnntaggc	attgctcttg	gagaacnnga	180
tgtgctttnt	ntnaaanggc	anaccagngn	tgnnctgnnt	ttaatgatgc	agancctnac	240
tttatccaca	cctggcccgt	ttnacatttn	agtaangnac	gatatttggc	tgatggctga	300
acantttctg	aaatacacnt	ttagtgtatg	gaantacaag	accnntaaag	gnctgccagg	360
ttancatctc	atctngcatt	cnnntccttt	ggcnanaaa	gganatntca	gaattatatt	420
tcttgatggg	gtcttttcaa	tcantgtatc	tgtcgaaann	tcttaganaa	anctatgtgn	480
tcnccggtgt	gtctaaaaan	atnctttcaa	anatgacccc	tggaattncc	ngananangc	540
ttaaacgtga	gaagacnggt	nggcataaaa	ccctncnaag	gttnttggn	angcccnant	600
ntgttttgc	tgcccatat	aancttngcn	ccattnaagc	cncggngag	ctttgnatnt	660
atattnngg	ngttactttc	tttgnncctt	tgccgggaac	ancttnnata	atgcttntcn	720
ncccnantg	gacntttgct	tttgnnnccc	nnaccccccc	aaaggngcn	cacctccant	780
gaaaaagtct	tttttnaaaa	gggtcccttn	ctnaaaaaaa	nnnnt		825

<210> 4854
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

<400> 4854

gaaaggaagc	acgcaaagca	actcccagca	gcatcccagc	naaangceca	gaggaaggna	60
cnngcagna	cnaccncnc	gngeaccgcn	ttnttttccc	cagtaggnn	ngacacgcca	120
acnnnnnggg	ncncngnga	caagaggcng	ancccaaaac	nngacagggc	aaggaccnnc	180
cagacncggg	gangngacc	agagcgcggc	cnagcgagaa	acagccngcn	accggnaggc	240
canaaananc	gccgctgaag	gganccgggc	tccggccnta	aacnccanca	ctgacacgac	300
ccagcaaacc	ccncaagagg	aaaaagaccc	ccaaggggna	aacacaagcn	nagggcangn	360
ncacggggga	ccccgaccg	ncnancncgg	ggaagccngc	cgnangaacg	gganangnca	420
cnangggngc	ataagaccna	ccacncaggg	ccnaccangg	agaaaaaaan	ancgnacnan	480
aaaggncaaa	cgcgaacncc	ggaaggggca	cccacnaagg	gggaaccccc	naangggctc	540
gnaccggggc	ccantngcca	aagnnggncn	ccncaaacg	acccgggggg	ncnaaacccc	600
cccggggggc	anccacncan	gggggggganc	cccaanggan	ggcaaagccc	ccaaagcccc	660
nccggggggc	acccaaaaan	ccnnggagcc	cngngnccca	naganacngg	aaacccgggg	720
gacgnccccc	anacncagac	naaaaaagcg	ngggancccc	caaaaaaagc	aaanngcaca	780
cncccccgag	ngnaccnang	ncaanggggg	naaagacaaa	anagaccccn	nnganaagan	840
ccccnnaaag	gccccacggg	ggaaacnngg	gacncncagg	ggnccccccc	nggggaccnc	900
ggggngngcc	nanaaccnc	aaaaaacggg	ggaaaacncc	ccccccana	aaaggcccac	960
nggacnnana	anccccccnc	ccngggagg	nncccnaccn	cccnngnncc	cnangaaaaa	1020
cnanannggg	gnaaaaaacc	cnngggngnc	caaaaaaagg	gggaaacccn	ccgagggggg	1080
ngannccgc						1090

<210> 4855

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4855

gctaanngcn	ggctactngt	tctttttgca	ggatcccate	gattcgatt	cggcacgagg	60
gntgggggnt	cgncggncnc	gctangnnng	ccatacncaa	tntnnagagt	ctanngnntg	120
taannttgct	gcttatatgt	acctgtgctt	atattcganc	ctngnnncnc	atncttctgg	180
acngaagtaa	gactggattg	ttgggtatat	taggggnann	gtgccagaga	tcngtgaacg	240
gcanagncc	tatgtggccn	antgcngtgt	aatantggcc	ttaagnatcc	tnttcanaca	300
nnagctgnnn	aaaatgccnn	antgtagcan	ncatnntatn	agnttgnaa	canngactgn	360
cngcccanaa	taanggctgg	gatgttgaac	tctggantct	ncgaacattg	ngtgaganan	420
attgncngan	gctgtantct	nttttaatat	gatnggncca	atgnnctgta	taaaccntta	480
ngatgtaccc	nttnnatatt	cngtaccnnt	natcctcagt	antgtcacta	cagtatcaca	540
tantgcatat	gttatcctgt	tgtancagat	actgaactta	gtgaggtntc	nctaaggcac	600
ntagananaa	ancaannttg	gttanntnct	nncttatctn	tcactgtgan	ttgcanatga	660
tntantcttt	atanaatgng	anccttttac	cggnctaant	tttnaattaa	aatggctnat	720
tntgtgttga	taaaaaaac	tcgagcatac	ttnnaccctc	tngaactata	nttgagtcn	779

<210> 4856

<211> 1776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1776)

<223> n = A,T,C or G

<400> 4856

ggnggaggggn	nnggnttttn	naggnngnt	ttannngtgg	ggaaaaaacc	ccttttttnt	60
taaaaannnn	actttggggn	gaaangnngc	tgnanatant	cggcctnnng	ngananagng	120
agtcgngngg	ganagnnggn	tgnnnnnnng	agngatatag	gntanganta	gtananggat	180
anannagca	gngaacngta	gttttttttn	agngaganan	nngagnnaan	aggnanacna	240
tnanaganng	ggggggggcg	caanggggtg	nnaaggcgag	anncnaactc	gnannanaan	300
tgaaannnnn	anacngtggn	ananantgag	cgngatnna	tnnntgcaan	ncataagaan	360
tnгнаatgna	nnntgnnngn	acaaannnct	ncganagnnn	gcaagnga	ncgnancnna	420
cnnnagngna	gaagnagt	nangaccnnn	aanggantnc	ngagaggnnn	nanaaggatg	480
nnnannnnann	gnaganngnn	gaananaaga	ggagacnaac	tatannagnt	agnntgncna	540
nngnaganna	nanaagcnga	naganannnn	tgngagnann	canangnggn	anntaaagnn	600
nnannacgta	tangagntgt	gtnagaactg	aaganaanna	ncacgnaaat	gaanaacatn	660
cnnngancna	nncgaangaa	aatatcacgc	tganngnaga	tagatanacg	ctcnntatng	720
anncagtnac	tgtganatct	gcganangac	ancacngnna	gntnnacnac	acagatgnan	780
gctnananan	gnagcagagt	anaagacnng	gagnngngtn	cgcanatatc	gatatnaagn	840
ntacganagt	gannananga	anantgantn	aggataacga	nnagnnnngnt	ntatnnnggn	900
tanaggngag	agntanantg	ctgcncncna	nannanngaa	tnccagcgenn	gncgancang	960
nnanaatngg	gnannangan	anantgtann	nanagcaang	ntannagtga	ctntnnngta	1020
atngatngag	nnagnngana	tgagtgtctt	gncnntagcg	aganantacn	ngaatntnt	1080
anagagtgt	agagnagcag	cananannan	tntcngngtn	naangtagag	agcganggan	1140
actnnntagt	atanncagan	acgangangn	ggtgtgnann	cggagtgtag	agncgattag	1200
agagnaaact	nngncacggt	gtatnanaga	tnagacang	angagaactg	cnnacaagna	1260
mntannnaat	angtacnnaa	tgngancata	agtatnacac	aggtnactnt	atanngnnca	1320
tcaacgcncg	antntanaaa	cnntagnttn	acnannaaag	ctacgttctn	nncnagaaga	1380
agnactnnan	ganntngagc	ngcacganaa	gtatcgtngg	aacgagcant	cgtnnatgag	1440
anagtanaca	ngcaaanagg	aagnnnagna	acagtcacan	gncagangaa	acatnctcac	1500
nngnnantta	ncgnnganac	gtaaatgtag	acacgnagga	gatnaannng	atatgangga	1560
nannnaaaga	gtanatgcgt	antngnatna	gananganan	aagtnaagag	antgacnana	1620
tanatgatnt	anganagacg	ganganataa	tctggaagcg	nggaanagan	tagagatagn	1680
ngaganggat	cnngtanaca	gntcnnngnc	nnctanatga	ganngnncaa	ctgtntatac	1740
gatntannna	ggnagatcaa	gaatatacnn	tctcct			1776

<210> 4857

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4857

gttaatctct	agcnaggctc	ttgntntttc	tgcaggatcc	catcgattcg	aattcggcnc	60
gaggttaana	gaatnaaaaa	gaatgattga	agccttcgag	acatatggga	tactataaag	120
ccaccacata	tttgaatcat	ttgggtccca	gaagacagag	aacaaaagga	ttggaaaact	180
catctatttt	tttgttatta	aataatagat	gaaaacttcc	caaactctatc	aaatgattta	240
gatatccaga	aacaggaggc	tccaagatcc	gcaaacatat	acaatgcaag	aaagtcttct	300
ccttggcaca	ttatagtcaa	actatctaaa	gtcaaagaca	gaattctgaa	aaaggcaaga	360
gaaaagtgcc	tagtcagttg	taaagaaaac	cttatcaggc	taatagtga	tttctcagca	420
gaaaccttac	aagccaggaa	agaatgatac	attcaaagta	ctgaatgaaa	aaaatgctat	480
ccaagggata	ctatatctag	caaaaatatt	ctttgttaact	gaaggagaaa	taaagtcttc	540
cccagaaatt	gcttaaggga	gtcctaatec	tgggagcaaa	atgactacat	ttaccatcat	600
gaaaacttat	gaatgtgtaa	aacctgctaa	tanagcantc	acacaaaagga	ataaggga	660
gtaattaaat	ggtcctgtac	nggaaaacca	ccaaccana	attggaanaa	anaattnanc	720
ttnaaaaacc	tcgagcctct	tgaactt				747

<210> 4858
 <211> 1197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1197)
 <223> n = A,T,C or G

<400> 4858

aggggttttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cncctttaa	60
naanttaagg	cccncctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	nnnacacct	aantntatta	cncatagata	ctcaattncc	ntctctagna	180
natnnnngga	tctttntcgg	ctntnnance	ncctactata	ttactnctna	aacgtncenn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnct	tantctcata	360
tctnnacgac	nnactatttt	tnctccnntt	cctnctntcn	cnntnttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatacteta	tctattantt	aactatctnc	tnnttcennnc	480
nnntnnnnct	atnnnncttc	tananaecten	tcnctnnnc	tnntnnennnn	taantcnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnntcnct	ntnattanna	600
nattnttaca	ntctntccct	ncanctnnnn	nattntatan	tctntttnc	nttccantnt	660
anaatntntn	ntcannttc	nntaattcaa	nattnatntc	atctntcnnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaattttna	tcncatacna	cncennnctn	tanccnnata	780
tnactncnnc	anttcnntnt	natctctnnt	tnacacactc	cnnggantat	actnntnaca	840
cttcttatat	mntntacntg	tnatacactc	tnnacntana	tatnnatcan	actnatanaa	900
agcactactat	catcttacct	ncntntnatat	accatncacc	aatcacttan	tnatntcatc	960
tcannacanc	tcacacatat	actcatcnct	aatatgtctc	tataatnntn	catctactca	1020
ntcacnnnna	ctctntagat	atatnctata	ctncancnta	tatntatcna	ttcatctaca	1080
nantanctcn	catctnttgn	ncatatacnat	aattgtntct	catatntntt	tctctctacan	1140
nctttatctc	gatnnttatc	ntgtanncn	nntntatcta	natatnacat	atcacat	1197

<210> 4859
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<400> 4859

gaaanccccct	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaannaa	aaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttattt	gtgaaatttg	tgatgctatt	gctttatattg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	aggttcaggg	ggaggtgtgg	480
gagggttttt	aattcgcggc	cgcggcgcca	atgcattggg	cccggaccca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggg	tctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgccta	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccgggggn		767

<210> 4860
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4860

ngnnttttaag	atcannccaa	gcgcttggtg	caggatccct	cgattcgaat	tcggcacgag	60
gaccacctac	ggaaaactga	ggcccacata	agctcgattg	gttgtaacctc	caacagatat	120
ttattaagca	cctactaaat	actgagccca	ttgcaagcac	caggggaagcc	tctgtgaaca	180
gcacaaggctc	cctgctctgg	agattctgct	tcagtgggtg	agacagaaaa	taaacagttt	240
cccgtcacca	attttccttg	gaattggaca	gatggcagcc	accataatga	tactatatgt	300
gtccaagcta	aacaaaatca	ttcacttccc	tgattttgat	aagaaaattc	ctgtaaagct	360
gtttcctctg	cctctcctct	acgttggaaa	ccacataagt	ggattatcaa	gcacaagtaa	420
attaagccta	ccgatgttca	ccgtgctcag	gaaattcacc	attccactta	ccttacttct	480
ggaaaccatc	atacttggga	agcagtattc	actcaacatc	atcctcagtg	tctttgccat	540
tattctcggg	gctttcatag	cagctgggtc	tgaccttgct	tttaacttag	aaggctatat	600
ttttgnattc	ctgaatgata	tcttcacagc	ancaaattga	gtttatacca	aacagaaaat	660
ggacccaaag	gagctagggg	aaatccggag	tctttctaca	atgcctgntt	tntgaattat	720
ccaacttctt	attattagt	gcttcactgg	anaacctgnc	t		761

<210> 4861
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(984)
 <223> n = A,T,C or G

<400> 4861

tgngntttttt	taaaaaccag	ctacttntta	tnaaggcagg	cnaccgattc	nnattgcggg	60
angancatng	attcngcccc	ctgcatgatg	gtggcngaac	tnnntgcccc	aagtggggcc	120
tggganccca	acaaccccaa	cangccgncn	cggtnaaccn	acaatatcaa	cccgcaaacc	180
ccagggaagc	cggccatgta	caacacagac	cagatctctc	cctatgctgc	cccctnccca	240
caagggtttt	tnccanccca	tgcccagccc	ccanagctac	caccaagtgg	tgccaanccc	300
agcangctac	catnaatacc	cantccccat	ncaggteccac	cntacaccgt	ntaccatggt	360
ctatcaggct	atccccancc	cgagcncctg	ttggctacag	gtctatgaca	acctgggnagc	420
tccctntccc	atgggngggg	anaaaanccca	acaaaactgc	tcaaggcttn	aagggtattn	480
tgaagcgnga	aaantttcgg	gcagaacttg	gggttnaccc	nacctgggnc	antttntaag	540
ggtngaaaaan	ggttgcccgg	gggaanaacc	ctttactcct	tgggaattaa	cnaacnaagg	600
gttgggggtg	ggggaacaaa	cnaacaaagg	gggnggggta	antccccccc	cngtnngggt	660
nnacnggggt	tcccccttgg	ggggggcccc	caaaagggtt	ngggngangng	ggttngggagc	720
caaggnaaat	tnctctnttt	nccttttngg	gtanccccc	ctttaaaact	tngggaagaa	780
aaagaaactt	tnnttcccna	aaattgggtg	naanagnccc	ccaaaagnng	ggcaaaaagc	840
ttggggattt	gngggaaacc	ntaaaggggg	aaagggggag	acttttttaa	ancccaaaagg	900
ganggncttt	taacttgatt	taaacggggg	aaannaangg	agggnttnct	tgggggaaagg	960
anaaantttt	tgccaaaana	ccnc				984

<210> 4862
 <211> 772

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4862

ggnnngggttt	anancagctc	tngatctcng	tgcacgancc	ctcgtttgna	tgatcnnatc	60
gattcgctca	ngtcggntgc	catttatggn	atnactttat	tttatttnat	tgcattnatna	120
tatnatnttg	agacagagtc	tcactctggn	acccangctg	gantgcagtg	gccggatctc	180
ggctcactac	aagctctgcc	tcttgggttc	acgccattct	actgnetcaa	cctncngagt	240
anctgggact	ncaggcgcc	gccactgggc	ccggctaatt	tntngtattn	ttagtagana	300
cagggtttca	ccatatnanc	caggatggnc	tcgntctnnt	gaccttggtta	tctgcccagc	360
tngacctncc	aaagtgcctg	gattacaggc	gtgagtnacc	atgcccagnc	tcaagtaggt	420
tttgaatgaa	tttctcatac	ttttaagta	caacattatn	gcaataacag	gactattnca	480
cttcttttct	aatttgata	atggatagat	natcctaagt	gtnatangat	ggctcaacct	540
ccgtacaatg	gtgaatcccg	nntcagtnga	aatctcggcc	nggtgtcaac	cttgaacana	600
agcccctagt	natnaccatt	tngtgnatta	gcctttgggt	ttnagttttt	caccttggnt	660
taactgnnng	ccttaaacct	cnttnagctc	aagtggaccc	tccnacctt	taaccggccc	720
cgnattaagt	tgggggancc	atttgggcct	ttgcngcna	cccngggccc	cc	772

<210> 4863
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 4863

nnnnnanngg	nttttatnct	cngtnnnenn	tttnnaan	ggnangcnac	tggtncgaat	60
gcaggaccca	cnatttnaat	tcggcacgag	anggccttan	gctttttttt	tgtaggggtga	120
gagtggggga	gagatctctt	gctctgttgc	ccaggctggt	ctccagctcc	tggcctccgg	180
cagtcctccc	acctcagcct	cccagagtag	taggattatg	ggcatgagcc	accacaccta	240
gccaggcttt	ttatattgag	ttggttatat	atgcttcata	gccacacttt	ataatattgg	300
agtatagtat	taaattacag	cttgttgtca	agtcagngtt	tctgtaagac	agtatatnca	360
atattggnta	gagtaacacc	tatttgggtga	tacaagatca	acagggtgtc	tctgattaat	420
ttagctccta	catagcccag	aagcnagtgc	attatgattt	agaatattgt	acatgggttat	480
gcaaggaatn	atnccaacct	atntgtgttt	atanggtcag	atgatgttca	gatttatatc	540
tgctgatagn	gntntnttgc	ngggaaaacc	tataaaaacc	cttcngactt	gttanaaaaca	600
gtgagnaaag	ccnngattgg	aaatatttta	ttacaaccct	cgtgggnatta	aaattttnan	660
tttaccattg	ggaatgggtta	aaatgctngn	ncatttttgn	anntttgtta	aaanccttgn	720
ntcctttaaa	aacnttttga	aataaccctt	gntctanggg	gaaaaaangt	atttnnaggc	780
ccnaaaanaa	atannanang	gggaaggngg	ggggattttt	ccaagtnccc	ccntatgttt	840
ggggggcc						848

<210> 4864
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4864

tngccttang	gtnncccttc	ccatgcactc	ccacggaaan	gccncccat	cgtangcgca	60
gcatccacat	gaacaggcgg	cgccgaagg	atcctgcccc	tnactctcnt	tttctgttga	120
accatctgga	attcacaggc	ctgtcatgag	agacacgatg	agaagtcctt	aaaggtagat	180
cactgattca	caggggagca	ggcggaggca	agggtgagtc	agtgtcttga	actcagtcac	240
ccagatttgg	ctctggaaac	ttctgaagct	gtagcctttg	gggatccctg	actgcgagta	300
caggaagcca	acgctatgtg	gtcttctgga	aactcattat	ctttttcact	ggtgctatct	360
gggaaaaaca	gatgaaaacc	tgaaggtgtt	ctgtatgtgt	gctttcaaaa	gcaaggatct	420
ggcgggacgc	agtggctcag	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggagga	480
tcacctgagg	tcaggagttt	gagaccagct	nggccaacat	ggcgaaacca	tctctactaa	540
aagtcaaaaa	ttatctgggt	gtgggtggtg	gcacctgtaa	tcacagctac	tcaagtagct	600
gaggcannaa	gaatcanttg	aacccaagag	gccaaagttg	cacttgagca	caagatcaca	660
ccactgcact	tcnacctggg	tgacaagaat	gaaacttccg	nctcaaaaaa	aaaaaaaaaa	720
aaaactngac	ctntanaact	atagggagtc	gnattccgta	anncngacn		769

<210> 4865
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 4865

ggnnntnaaa	tatcagctct	tgttcttttt	gcaggatccc	tcgattcgaa	ttcngcacga	60
ggtctangnn	gatgtctntc	naatcatggg	ntgtccntnt	nttttgacac	agggccttgn	120
cttattgctc	angctngagt	gcagtnagct	gtnatnnac	tgctgcnett	cngcgnannn	180
gtnanaatan	tactctgnnt	nganngaana	naantanatn	gntaccenna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacaa	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaa	aatnncgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncaacta	ttcagcctga	tctttccaca	tacactacat	480
tgntattgnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnct	cactgcttaa	600
tentactaga	cntatncatc	tgcttatcnt	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4866
 <211> 1403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1403)
 <223> n = A,T,C or G

<400> 4866

gngacgttgc	aaaaagcctg	gggtttccaa	aagccttggt	tgacgcccat	cgcttggang	60
gcogttnngc	aacgcncna	cacgcgnnac	nngnncnact	gagacnagca	anggtgncaa	120

nggncagann	acaaggangg	agnctnnntg	nacgcgcggn	ttnnnccggg	ggnancnang	180
ggggggagaa	cnnnccgggn	ggnanaatng	ggcgngnnng	caggacncan	ngcanatncg	240
aaagnnncn	nggnanccgc	agnccggng	acangcgnc	gancnnggan	nnagnnang	300
agnnaggaga	ggngngcccc	anggagannn	gnacggacnn	ggagnaganag	ncannncaen	360
cacggngcnn	aaganaggga	nanncnngnn	gcaaaggggc	gagnaannng	ggnantnann	420
ganagangan	gannggagna	gnnnagnan	nannggaggg	ncncngnnag	tgcatacaga	480
gaanggcgac	ngaagcgaa	aacgccacaa	nanngcnncc	nnngngcna	cnnnganaga	540
ncaacncggg	nanncagcng	gacgacgagc	agcanancgn	caactagcan	aggananacg	600
gaannnggcc	ncantcggcg	agnanaaaag	aaagccacng	cnaaacgcac	gnagncacna	660
nacgaccnca	gngggnncacg	gggcanacag	nnncngacgg	cngcnnannc	taancagacn	720
cacagcgcaa	aatgggggga	gacatgacaa	nnnggacagc	ganacaccac	gacaaacgcg	780
cnggcananc	anagcgccnc	ganaggacng	acggngaaac	cgncgacagc	nccacacaca	840
agcncagaga	ggnnntacac	nctagngaca	ngagaggngn	cngggnaagc	gcacgagaac	900
annaacaccg	acagagcang	agcgnnnnana	gcaaagaccg	gacncnagna	cgccnanang	960
acacggncng	nagacannag	agnannagng	atgnggacan	aacggngccg	aanagaagac	1020
gnacancgca	ngaccacaaan	gnacnnannc	accangagaa	gaagagnaga	acgnacacgn	1080
acnagcacga	agaccacnga	gacntgaccg	cgcacagaga	agcacngggg	gacgcccana	1140
gaaaanaang	agagctgctc	anagagcaca	gaancacgat	gagaacggnc	cnaaacgant	1200
ncacgccccaa	aacagganan	nctgggggca	nacaanagag	agcaggtagn	caanacngnc	1260
gaanagnccg	agcanagaga	cntgggngng	ggagnagcag	ngnnngnnca	nccagaacaa	1320
gaaagnngga	cagnacngcn	angcantagn	nanaangnaa	gnnattnnng	gntngncagc	1380
gaanngtnaa	gcggagngnn	cgg				1403

<210> 4867

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1019)

<223> n = A,T,C or G

<400> 4867

gngggnnaaa	nggcttttta	aacatacagn	ctacttggtc	tttttgcagg	gatcccatcg	60
attngaattc	ggcacgaggg	ccaccgaaga	gggcaccagt	gtcttgtcac	ctggactnca	120
catangacta	atnntgntac	tggcaataan	gatctatana	angtcngcna	ctgatgtgta	180
tgaaaagcat	acntgactnt	atatncta	gtngggatgt	gannttncta	aagtntnaca	240
ataattngtg	ntancatcac	atgaccaann	gttaactant	atcttggaga	cactgacttt	300
ntggggccat	antnttttga	ttttanacca	agaacntnta	atnatntgta	tcccaaatat	360
gntgetcctt	ntngganagn	ccaanggctg	atttncctnt	ncatcttnna	tnnttggttg	420
ancacctaan	gaggtagtnt	tctngnnggn	cctngnaaaa	antnttccan	aanantaccc	480
gtgtgcntcn	ttanaatnga	ntaattgtcn	naaaattaan	ntagcnnntn	gnnncaaaan	540
naaaaggcct	cccctttgaa	aaacaangtn	attttgaaan	aangataaat	cnntntnnag	600
ttnatcannn	nanannnana	tntgtcnaat	ncnntctana	ttttntaccn	nnntntagta	660
nnattcntaa	aanntanaga	ccnttttccc	tnntgaagna	nnctntgggc	ntaannaann	720
tnngntnann	nntcancttn	gncnngtntn	nnnnnatteg	ngtaatatgg	anncattnnn	780
nanataaaan	anannttctn	nntgnangac	nntactanac	aaanttttaa	antnngttct	840
acanccecnt	tttanannnta	nanantcgna	tatgaatttc	aatctcccna	tnntgttnan	900
ataatcaa	nnanattaaa	ttttnataan	ccttattaaa	acctcttttna	tgaagnatcc	960
aattnttgat	naatncntaa	acnatgntat	actnnnatat	ntnattatnn	antgnnccg	1019

<210> 4868

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4868
 tgnnnnnncgt nagaccagct tttnaacata caggctactt gttcttttttg caggcatccc 60
 atcgattcgc atccctggag cagcttccaa cactacttca ggggtggcagt gtttggggca 120
 ctggggcgagc ctgccggcct ctagatggcc tcctctcttc ctccacaaa ctgtctagaa 180
 ccaataaaaag gaaacctgcc aaaaaaaaaa aaaaaaaact cgagcctcta gaactatagt 240
 gagtcgtatt acgtagatcc agacatgata agatacattg atgagtttgg acaaaccaca 300
 actagaatgc agtgaaaaaa atgcttttatt tgtgaaattt gtgatgctat tgctttatatt 360
 gtaaccatta taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt 420
 cangttcagg gggaggtgtg ggagggtttt taattcncgg acgcggngcc aatgcattgg 480
 gncccggtac ccagcttttg gtcccttttag tgagggttaa ttgcgccctt ggcgtaatca 540
 tgggcatagc tggtnccctgn gtgaaaattg ttattccggc cacaaattcc cgccacatnc 600
 caanccgggg gccttaaagn gttaaaacct ggggtgccta aagaagtgan cttaactcac 660
 catttaattg gcgtttgccc nttaaatggc ccgcttttca anttcgggaa aaccttgctc 720
 ntnccaagct tgcanttaa tgaaattggc caaacgcnc cgnggnaaaa ggccggttnt 780
 gccttt 786

<210> 4869
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4869
 gntnatgacn tnaaactctt tggcnagcag gctccctcga ttogaattcg gcacgaggaa 60
 tcttccttaa agtccagagt ctcccgann ntggagnttg tccttcccaa gccttctcgc 120
 ggggagggaa ttcttctttt ctgccgcctg ttacatccct gtgtgagaag gtctggtgag 180
 ctgagccac atcaactcgtt ctgctgcccc ggtgtgcttc catcttcaact gtggaaaagt 240
 cattttgaac tccccggtga ctgcaaatta agtaatcaag gacagatggg actgggttga 300
 ccattccaag gagtacagtt acttgaagaa tctggaagca ataccgagca catttgttgg 360
 cattaattca ttggagcaat aatgctgtac gtagaaagta tggacggat gataaattct 420
 atcatcagtt ctgagcattt gtagcaagtg aactctaact tggacggat gataaattct 480
 tctaaaaaac aaataaaaac cctccagaca atattatgca ttgagagctt taaaaaatat 540
 atatcctaca gcatttggaa aacactttgt ctggtatgc cactgcactc cagcctgggc 600
 gacagagcga gactccgtct tcaaaaaana aaaaaaanga agacttgnat taatggagaa 660
 acagactggc cctggctag aaatnccaaa tattgnaaag aagtcatttc tttaaaatna 720
 atttatggat ttaatgcngn cctnagttaa aaatc 755

<210> 4870
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4870

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agtgnntttt aaanacaaag ctacttggtc tttttgcagg atcccatcga ttcgaatcat      60
aatggggaag gccatccagc ctcgcgtcgc gaacgccagc aagacgtagc ccagcgcgtc      120
ggccgccatg ccggcgataa tggcctgctt ctcgccgaaa cgtttggtgg cgggaccagt      180
gacgaaggct tgagcgaggg cgtgcaagcg ctcaccgcat cgtggcacct ggcaaggcca      240
tcctggctgc agatgagtc actgggagca ttgccaagcg gctgcagtc attggcaccg      300
agaacaccga ggagaaccgg cgcttctacc gccagctgct gctgacagct gacgaccgg      360
tgaaccctg cattgggggt gtcattctct tccatgagac actctaccag aaggcggatg      420
atgggcgtcc cttcccccaa gttatcaa atccaaggcg tgttggtggc atcaaggtag      480
acaaggcggt ggtccccctg gcagggacaa atggcgagac taccacccaa gggttggatg      540
ggctgtctga gcgctgtgcc cagtacaaga aggacggagc tgacttcgcc aagtggcgtt      600
gtgtgctgaa gattggggaa cacaccctc ncccttgcca tcatggaaaa tgccaatgtt      660
ctggcccgct tatgccagta tctgccagca gaatggcant gtgcccacg tggacctgag      720
atcttctga tggggacct ga                                     742

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<210> 4871

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4871

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tttnaaatcc cagctctngc agnanttcaa gtcncnttt ctaatncttg gcanctcgat      60
ctcgncgaa nnnntnngc ncgagantct gcntacaac ngacaggatt gntagaacnt      120
nnnnngtcng ggggatntng aatantnnnt caacacnngt gatacgntg anctaacagg      180
tgggtgtttt antataccna cnaaaatagc angatgcgac aacantcctg naacngtgtc      240
ttntcaaagn caactggcct ggaaggctac aagtgtcnnn aaagattctg ttcagaatct      300
agccacagan ataaaggatg gacaaatacc tngacatag tctnctcana gacanccaag      360
ccttgaangc tcaggatgatg aaaangattn tgtttcgaat ntanccanga gaaataaagg      420
atgganaaaa ntctgggaca ntgtcttctc agaancaatc ngncatnaa ggttntatct      480
nacangaaag ttctcntttt gaatatgtgc cacacnga atcngggcgt tngaaatct      540
nnaacagagt atnctganaa tntgcccanc cntgnaangc tacaattgaa aaataataan      600
ntctgatctg aaatacaagc caccaaaatg naangattgt acnaatcatn cncaccagc      660
agcaacanng acttnatgaa atggccatcc annnnggaaa accanaagga agctttgna      720
nnaatntgca atanattacc canncnnaca aggttgaaaa aanccanaa tncatnctn      780
agggatggac cctttgntng acctaaatt ncagtcctc ctnaaaccn ttcttnaaga      840
aggnnc                                     846

```

<210> 4872

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 4872

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ggnttnaaa tatcagctct tgttctttt gcaggatccc tcgattcgaa ttcngcacga      60
ggtctangnn gatgtctntc naatcatggg ntgtccntnt ntttgacac agggccttgn      120
cttattgctc angctngagt gcagtnagct gtnatnncac tgctgcntt cngcgnannn      180

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gtnanaatan	tactctgnnt	nngannga	naantanatn	gntacccnna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacaa	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaaac	aatnnctgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncactta	ttcagcctga	tctttccaca	tacactacat	480
tgnattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnct	cactgcttaa	600
tctactaga	cntatncatc	tgcttatent	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4873

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1194)

<223> n = A,T,C or G

<400> 4873

ccccacn	acncaacacn	cancacn	ncnncn	nnnnn	ncancaaaaa	aaaanccanc	60
ccanaaacac	canccecaac	acncaaaaca	nccnccac	cancnna	aan	gggccncac	120
cancctgtca	agcnaacgac	ccacnacnaa	gcngccgaga	agctncacn	nacacccaaa		180
ccncatacag	ngggcngggc	aagcngggnn	cncatnggga	nggggaagg	ngcccggcgc		240
ctancnncn	nccnggnnc	nacagngna	ccanatnggn	ccancccca	nacnaccang		300
taccanncn	nncacgnnaa	caccnnncca	anacaccncc	catcnaangc	anaaccgacc		360
anangnacct	accnaancan	accnccana	gcnacnena	gennacacc	caaccccccc		420
anncanggnc	accnacngca	aagnccnct	cgcnnngatc	accancantn	ncnaatacan		480
cacnancnac	cacnccncaa	anacnaacgc	ttanccccan	cgacccca	cnaaagacc		540
ananagcaca	cacntggnaa	naaananacn	cancgcccc	cnannccca	naangcgcnc		600
nccaacacan	cnaaccccan	ncacccnnaa	accncannn	cacnggcgac	annnggaana		660
cnccccantc	cccacnnnca	canacnaanc	ncnanacacg	nnaacncncg	ancnnaccn		720
naaanaacan	annnnnngca	nnnanaaaac	cccnangncn	tacnngcaca	cactcnccan		780
accagntnnc	acncaaacgc	ncacnaccac	ncacncccc	acnacaccna	cgcncncna		840
cccaccccc	accganacna	gcccaaacgn	nccanncaen	ccaangnaca	nnccaagcgn		900
cacaccncac	acgaacnana	cccncnnna	cactaacnnc	acnnnnnaca	cnnnnccacc		960
cacanagcac	canacncnnc	cancnagaa	ccacaccnna	acnacnnanc	tnnctcncc		1020
anncngccnn	nntnnccgct	cgcanaaaacn	nanccncca	acacaaancc	naacacaaca		1080
cntnccccn	tnaanana	ccacnnnaac	tccannanan	aancaacnnc	nnccaccanc		1140
aancaacacn	cacnacanta	cagacncctt	anannancnc	cnccacaacc	nccg		1194

<210> 4874

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4874

ggtttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggctactttg	agtgttttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataatata	gtttcataca	gaattacctt	aaaaggaggt	cttatgtttt	caactacaga	180

tagttgtaag	ggatcataca	gaagatattg	atgatatgtg	aaatattcct	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcctga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4875

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 4875

ggtttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataataca	gtttcataca	gaattacctt	aaaaggagtg	cttatgtttt	caactacaga	180
tagttgtaag	ggatcataca	gaagatattg	atgatatgtg	aaatattcct	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcctga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4876

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4876

ttgaancctt	aatntnnacc	cctttggaac	ttnttgcagg	atcccatcga	ttcgtgtaga	60
ggaggtgagg	aaatacttta	atgtgttgga	aaccatgggt	ttgaacagaa	gatacgcata	120
tgagtgggg	aatggaaaga	aaactttgtg	ctacatttac	tgtaaattat	atcttattga	180
ttcagtaa	tcaggtggaa	tacggaagtt	caaatttaaa	gattacccat	ggactcctga	240
cctcaggtga	tccaccgcc	tcagcctccc	agtgggctgg	gattacaggt	gtgagccacc	300
atgccagcc	tcatcattct	tattaactgg	tttaatcctt	tcaataatcc	tattaagtag	360
aattattagg	taattagaat	taggttaaaa	agagctgagg	tgtgggtggt	cgtttctcag	420
gtaaaacatg	gctaaaagct	tacggagtaa	gtggaaaaga	aagatgcgtg	ctgaaaagag	480
aaaaaagaat	gccccaaagg	aggccagcag	gcttaaaaagt	attctcaaac	tagacgggtga	540
tgttttaatg	aaagatgttc	aagagatagc	aactgtgggtg	gtcccaaaca	ttgccaagag	600
aaaatgcaat	gtgaggtaaa	agatgaaaaa	gatgacatga	aaatggagac	tgatctaaga	660

gaaacaaaaa gactcttnta gaccacatgg cagtcccata tggatgacca agcaagaaaa 720
gctgcggcaa gcagagaaaa naagggaac caacaaacat n 761

<210> 4877

<211> 687

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 4877

agacaagcta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagtattgg	60
tttgtagaaa	tgctactgat	ttttgtacgt	taatttttgt	atcctgaaac	tttactaacg	120
tcatttatca	ggtcttttgg	agggattgtt	agggtttttt	taggtttaga	atcatattgt	180
gagtgaacag	agataatttg	acttcctctt	tttctattta	gatgcctttt	gtttcttttt	240
cttgccccgat	tgctctgggt	aggacttcag	tactatgntg	aatagagggtg	gtgagagtgg	300
gcatecttgt	cttggttctta	ggggggatgc	tttcaccttt	gcccattcag	tatgatattg	360
gctgngggtn	tgcatagat	ggctcttatt	atnntgagag	gtatgtcnct	tcantgccta	420
gttagttgag	gatttttatc	atgaagggat	attggacttt	atcaaatgct	tttctacatg	480
tattgagatg	atcatatggc	cntgggnnta	atctggntta	tgtgctaaac	ctattcccan	540
atcaaaaana	angatttctn	ctaacacatt	ctacgaacca	gttcacctga	accaaactcg	600
caaggcncac	ancnatnata	aaaaaaaaatc	gctntaaact	tnnggnnata	ctaaaccaac	660
tganagnnct	gatnagttgn	cacctt				687

<210> 4878

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 4878

gnangtact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	aggagggggag	60
agaggagggc	cattacaact	ctgccttcaa	gactcatctc	ttaaaaacaa	aacgaaacaa	120
aactacaacc	accatcaaaa	ccacacgcaa	aaaaaaaaaa	aggataactt	taaccgaagg	180
aagggtttgg	ttccattcaa	ctccacattc	attgtgcctt	tacttgcatt	agattttctgt	240
gctttcttcc	tttccctctt	tgaagcaatt	aaaatcttcc	ttgataactg	ctgtttcttt	300
ctactcttgt	ttctggcaat	ttagtgggtt	ccttctctag	tggtcttaaa	tctcattcca	360
ctggtggcaa	gatggggcct	anccttcttt	tcacatgtct	aatcttttcc	tttctcatgg	420
tgccctccat	ggaagtcaca	gtnaacactg	aataaatgac	tagaatgaca	cgtgtgcgtg	480
ccgcacgcgt	gtgcntgtgt	gtgttcacat	gtctgcatgt	gggatcaatt	tcttttagaa	540
aataatttat	tgnatgattt	attttgggag	ttatattctg	attacagngc	tccttnttcc	600
aaatagcatt	gatttttccc	ccttnaaagn	ataatctggt	ctcaggttgg	atctttnngga	660
catntctctc	tctggatgcc	atgcagttaa	ttaaaacctt	gcttaaaaca	aaaanaaaaa	720
aaat						724

<210> 4879

<211> 925

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

<400> 4879

tnnnnnnnnn	ntnnnnnnnn	tnnnnnnnng	ggnnnnnnnt	nggntttana	ctcgggaaacg	60
tttctnagca	ggnggccatc	gnnncgaatg	cggcacnngg	nggtanccga	attcggcacg	120
aggggggacaa	ggctataaat	atcattaata	ccagggttcag	gagtttgac	tgcactaaaa	180
atcaactcag	ctatttgagc	accttttata	gagtggaaat	ggggttgggc	agtaganaag	240
agcactttta	gagaggcttt	tntgcagnag	ncagggggta	cacctgttaa	ccagccataa	300
tttttttttt	aagcggctgt	gctgaggatg	agccccatgt	agttgggtgca	ggtgggggaca	360
cactgtctgt	gtaactagaa	aaactaggca	tggccgggca	cgggtggctna	cacctntnat	420
tccagcactt	tgggaggtca	agggggggagg	aacacttgag	gccngagaca	atataatata	480
taatataata	tattggccag	ccttgacaaa	tataaataaa	gagccctntc	tgtaccaatt	540
taaaaaacta	aaaagcctng	gggtgggngg	gnacaatacn	ctgtagtcct	tggcttanct	600
ttgggggaang	cttgngggca	aggtgggnatt	tgctttggaa	ncctacggan	tttcaattgc	660
ctgtnaagtg	gaagcctntg	ggaatcggtg	ccncttggn	atttcnacc	ctgggggttng	720
ggaggaaaaa	aacccttntt	tntacaccac	cncncncccc	cccaaaaana	anttggccca	780
aatgtggctn	tnantaaaag	gggaannccg	aaataggggn	ttcttngtan	ttaangnggg	840
caaaaaaggg	gggnggntc	ctgnggaaaa	aaaaggccca	cccccttng	tgttggnggt	900
ngggaaaaan	tttnaaaanc	ncnct				925

<210> 4880
 <211> 1170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1170)
 <223> n = A,T,C or G

<400> 4880

ccnannncna	ncnannnc	naanngann	accnnnnnnn	cnacnacnnn	ancngncnac	60
ncnnacnacn	cncgcccann	nacncnacnn	aanancnnnc	gcnnannnan	ccnccnnncc	120
nnncnactc	nnncnnnnn	annngncacc	cnnnnnnnn	nnncnacnnc	ananncccnc	180
acnancceca	naacncngc	nntggcannt	ttnaaatcaa	ancncttggg	nnaacnncca	240
naannctncn	accaccaccg	ananncgnc	ncacngcccg	nnnnagcncc	agnnncccca	300
acnncnate	ccntncgnc	gaacnnncta	nccngggggg	ngggggcggg	ggcangggng	360
aancgngngc	accccgcgc	acnccnacn	acacnncccc	anaccancn	ccnnnacnnc	420
aancccnncn	ccatacnca	naccganccc	nnanncccna	cgcaccncca	cnngacccgn	480
aanennaaac	acacacncac	accccgaccn	cnnacaanac	cncncaenca	nnennnccnc	540
nacaaaaccc	acacgcgcnc	ccncaanncn	ncnnncaccc	nacgaccacc	caacacnccc	600
aaccgcnena	ancccnacc	acnnncccac	cncccaccnc	gacnnananc	ncnnncncca	660
ncacgccnan	accacnaaan	nnccccnccc	cnccccaccc	aaccnaannn	cacancagnn	720
ancnacnnan	ncanccccan	cccccataaa	ccnaccacac	ctanncancc	cagacnannc	780
aacgncnnn	ccctacaccg	annncnnnna	ncnanannac	antncnacan	ccacaccaat	840
nccgcagcag	acatcgcana	cacncagccc	ncanacacna	nccnnaccac	caanacntna	900
cnnacacaca	cnaacnncn	aacnatntnc	cacgcncaca	nnacaantcn	atcnccccac	960
gnacnnctca	nncacancga	ncaatacana	ncacganaca	canenacgan	nnccanacnc	1020
caacncgcga	cngncacaca	caccacnnc	ancncacgac	nctannanac	ncacanacan	1080
ncctccanaa	cagnacnng	cncncacagc	accacacgat	nacacngnag	cacagacnca	1140
acncgcgaca	naatnncaca	cacnnacgcc				1170

<210> 4881

<211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 4881
 gnnttttnaan ntttttaaatt tatacanctt nttgttcttt ttgcaggatc ccacgatttc 60
 gaattcggca cgagggtaga ctggctaggg atcctggacc cagggttcca cgtagcaaca 120
 cctgctgagt tctctgggtt ttcttcctgc ctcatgtagc ccagacttgg agctgaagaa 180
 gctggaaaca tggaaacacc aacagctaca gacaaaaaaa agtcccaaca aaggcctgtc 240
 agtctgccag cctgttctgt ggatttcctaa ctcaagatgg cagcatcaac tcacacctga 300
 agttctggct tccctacaaa ctttgaactt gccagtcctc acaatggcat aagccaattc 360
 cttaaaatga atgtctagtt ctagataatg tgtgtattct actgggtctg tttctctgga 420
 gaagcctact aatagatcat ttgtcttaat caattcaagc tactgttaca gattaccata 480
 gactgggtgg ttaaaaactac aaatacttat tactcacagt tttggagtct ggaagtctga 540
 gatcangttt ccagcaggat tgagttcttg gtgaacatcc tcttcctggg ctacagagta 600
 ctgngttact taagtggaaa aagtaggggtg agctgggtct tttggcctct tcttttangg 660
 gactaattca tgagggctnc accctcatga cctatttacc ttccaaaggc tccatctcca 720
 aataccatca caatggggga ttagaattca acataggagt tttgggagga cacaaacatt 780
 tagtccttac ancca 795

<210> 4882
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4882
 ttcaaaccag cttttganct tnttgcagga tcccatcgat tcgnntcaaa canagnattg 60
 tgatattgtc aaagagaaaa acnaatcctg aagatacatg gaaatgtaac ctagttagg 120
 gtgggtattt ttctgaagat acatcaatac ctgacctttt ttaaaaaaat aattttaaaa 180
 cagcatactg tgaggaagaa cagtattgac ataccacat ccancatgt gtaccctgcc 240
 agttctttta gggatttttc ctccaaagag atttggattt ggttttggta aaaggggtta 300
 aattgtgctt ccaggcaaga actttgcctt atcataaaca ggaaatgaaa aagggaaggg 360
 ctgtcaggat gggataattt gggaggcttc tcattctggc ttctatttct atgtgagtac 420
 cagcatatag agtgttttta aaacagatac atgtcatata atttatctgc acagacttag 480
 accttcagga aacatangtt aagccccctt ttacaaagaa aaagtnaaca tacttcagca 540
 tcttgagggg tagttttcaa actcaagttt catgtttcaa tgccaagttc ttattttaaa 600
 aaataaaatc tacttataa aagaaaaggt gcattnctta aaaaaaaaaac ctttaaanga 660
 aaatgaaaga agaacccttt tncangatac ttactttgan gactgttttc ccttttttna 720
 tgagatatag cttaganatc ggcgnggggn atttctttan taatnctctg ggttttggat 780
 ctggccttg 789

<210> 4883
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (732)
 <223> n = A,T,C or G

<400> 4883

tcnctntcat	ctnaacnctt	tgcaattncc	ctttttgcag	gatcccatcg	attcgcccag	60
ggccgncctgc	ctgagcctnt	ctgcagctgc	tcacnttttg	ctgaggcctc	tgcccttcaga	120
gctagtgggg	cctgctcaca	cattccagcn	gttnccctctn	tatttgncct	gaaccaagtt	180
gtagaatttta	aaggagggtga	agnaaggcga	ttnctatgga	aaatatattg	nncttcttta	240
ctcctcatgc	tnagtgcata	anaatntatt	atntccctcg	aatgttcaaa	gtggtgtgtg	300
tgtgtgtgta	aaagaaccag	gagcaaacia	tcttaatagg	aatgtgcgat	cttgcgcccta	360
tcttttagcac	acttaattag	ctacaacccg	ggactgtngc	catttgaaca	aattgntaac	420
aaaatctgcc	atgttttgct	ctttttcaaa	aggaangact	cnaataacca	tagcaaacact	480
tactcagntt	tgtgatccac	tccaagatta	tgggagcaag	aacagatact	cctgaaagca	540
accctcacct	cctnccccgc	cccctgccct	cagcaagtcc	tggcctgtgt	gaactgaagg	600
gtttggaagc	tctggtttct	aggagtgtcc	agaagcttga	aagactaggg	tgtactagtt	660
attgangggc	agttgtcant	ggcagtgtgg	gggcacccca	attngtattc	canggcactg	720
cattgctttt	tt					732

<210> 4884
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (769)
 <223> n = A,T,C or G

<400> 4884

gantggtcga	actnaaccct	ttggaaantc	cctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gccactccgc	ctcttccctc	ccttcntttt	ttcttccctc	cccttttttc	120
cttcttccct	cccctccctc	ccgccaccgc	ccaggaccgc	cggccggggg	acgagctcgg	180
agcagcagcc	aggtagaact	ttagacttca	tagcactgaa	ttaacctgca	ctgaaagctg	240
tttacctgca	tttgttcact	tttgttgaaa	gtgaccatgt	ctcaagttca	agtgcgaagt	300
cagaacccat	ctgctgctct	ctcagggagc	caaatactga	acaagaacca	gtctcttctc	360
tcacagcctt	tgatgagtat	tccttctact	actagctctc	tgccctctga	aaatgcaggt	420
agacccattc	aaaactctgn	tttaccctct	gcctctatta	catccnacca	gtgcagntgc	480
agaaagcata	aaccctactg	tagaactaaa	tgccctgggca	tgaaacttgg	aaaaaaacca	540
aatgtntaag	cctgtgtgaa	ccttactctc	gggatgcagn	ccacctataa	ctaccaaaca	600
tggagnangg	aaggagggtt	aaatccccc	agggnnactt	ttnncccant	ttctaantcg	660
cnancctttt	cncttnnaaa	ngnggatncn	tntangcng	nnggccagca	natntcannt	720
gnantagggn	nancccnncn	tcctngcnga	ngaacnnncn	cnactcccg		769

<210> 4885
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 4885


```

gtcttgtcct cnnaaacctt ttgcacttcc tctttttgca ggatccctcg attcgaattc      60
ggcacgagag aggggtgggt ctggccacat aggtnnctct gtggctctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcatt ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaaag taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga actttttgta aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaan      660
atantnaacn ncantacccc ctctntngaaa naaaaaancc tcgnaccntt ttgaacttt      719

```

<210> 4886

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4886

```

agnaggnttt tcagaaagct ggnnnaggna gcnggnagan gcnttgaagg cccttgctaa      60
tngcttggaa agctccatct anagagnngg anggtnggga gcncgnnaaa catgcngnaa      120
canctctagg aagtngaat ctgatacaag ctganatgtt gnntnatgga nangatenca      180
cngaattgat tgctgtgaac acngtgnatn ncngaacca gatnaanatg tnatatggaa      240
cnattacanc antntgcact gaagcaagct ggccaagcan gnctgcatgn ccgaanattg      300
aataatnactg ggcanaatggn actaanatta aaaagccana nnaantgnnc tgcaccaaca      360
tacaatntgac tannnggatg acttgggttc aacgancagn cntgatagat gaaaccncg      420
tttccctnta agattggtgt nccatntncc caaaaacttt atnnctgtgg caganactat      480
ncntaaaagc gncttgnnna gggtttnaan gccntanna atcaccangc nctantgatt      540
cngtgatgcc atctgccaac taggaggcnc anctnaacnn ctacnttaag cactnnattc      600
nnctttgntt cagggntttt aancnagntt tgataaggcn tgaanctggg cacctctnca      660
agaattagta canaaacttg gatnncaaga ccnnatnaan ggncantcta ngaacacagn      720
ntccnccenn gcttaatnca ttggtagaac canctcaatn gntatccngt nantgnacna      780
ctn

```

<210> 4887

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4887

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gnnngnnnnn nnnngnnnnn tnnngggnnn tttgcnaata nacaggctac ttgttctttt      60
tgcaggatcc catcgattcg aattnggcnc gagctcngac cttatnanca gcatnacgca      120
tgactaccac ctgnatganc aggatgctga gggccggctg gtacgctgga tcattencat      180
tagtncccgga aagagccgtg cttggcnaca gactccgagg gtcgttcaac tnggctgctg      240
tcccaaacgc tgctgacctg gacagtggcc atganacat ggngggctca ggtcttactc      300
agnatgagct gacagtgcac atctccnagg agacgactgc agatgccatc gcccgnaagc      360

```

tgaggcctta	tggagctcca	gggtacccag	caaagccatg	actcaccctt	tcanggcacc	420
gacacagact	cgtctggggg	cacccttgct	ncaagtgtac	tgataaccnc	tgacaggccc	480
atctggcaca	ccctttctgg	gagaagcatg	gcttacagaa	tgaacagggg	gaccaggaac	540
ccctgtggga	naggcttaaa	cctgancagt	gcccactctg	gntcctcttg	ncttggctga	600
ctggnttctg	gaccatgtgc	atttcactgg	nccatgggat	ctacatctct	tgcatnccca	660
nctggctgat	cctgccangg	nccgttnctt	cctgctcatg	gncttnaggn	ngnctgatca	720
tngaaagg						728

<210> 4888

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 4888

tttgttggcn	nentagtnan	nnngganana	cntcntngct	ctanaagaat	tgggttggtn	60
cngcacgang	agatgtgtcc	agtgtcccnt	gtggngtgtg	antagaaacn	cctgngggnnn	120
aagtgactnn	gtnggnccnn	ctggcttcgt	gcangangnc	tcgtnactgn	atacgaccnn	180
gccacngtgt	tctnaangac	annnccanan	atgggttana	ntcnetgctg	tgggagtctt	240
tantcccaca	cncnggacan	gctggtnanc	tncactgtnc	nngatgatgc	acaccngac	300
cnatnacgtc	angacgatnc	nnntcncgac	anntatgggtg	aagatncctn	ccgtgggtccn	360
attcttnctg	nacntnctgn	gnccatgacg	ctcacntngc	tgtngagctc	gntccgtgcc	420
cangtgttgn	acatntaaca	gatncnacac	tgtcttacia	ngggaccacc	nangattngg	480
gtctctacia	nagancnnac	nntgatccct	aattattctn	agggcctncc	gttgnttttg	540
gctctgcctg	gnnttntagg	ncaacgggac	aatccaaccn	tnnccntttg	annancctta	600
tgaacaattt	ntgnncttca	naattnnnta	ngccntttng	nagnaataac	cnttttancc	660
tnattttgac	ctgganttna	tccnnccaa	tgccttcgga	agntggncct	ttnnacnaaa	720
ggggaccagg	tggaaanccc	tcttgatttg	gaccaaaaaa	ggcccnctt	ggcttnatct	780
cccttaaact	ngatnnncg	tgcnnncg				808

<210> 4889

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 4889

tncttaantg	gcttggcnac	tngttctttc	tncaggnagc	ccatgcgatt	cgaattcggc	60
acgtagggtca	gacatgaaaa	ctatttttaa	gctgactttg	ntgccttata	ttgaaaagaa	120
tctagatagg	tgcttttaac	tgggggtatta	acttttttag	aatgacacag	ntgaacagtg	180
ttaataatag	tgtgtcaaga	ttgcaaagtc	gacatactca	tttggttttaa	gcaggaatcc	240
tagaagcaaa	tggatgggga	taagaatagg	tcattttcta	ttcaccatcc	tttactatta	300
anggaaagga	aaagaacact	agctaaggaa	gggaaaggga	agtgatctca	taaaagtagc	360
anccttcatt	ttacattctg	tctgttggtc	ttttcctgct	ttgccagnnt	gtgctaattt	420
gggaattgtg	tactccnaaa	caagtagaaa	agtgtctgct	agggattnta	ttaaatcttt	480
ttntaatgga	atgtggcnca	aattgttcat	gttaccaaaag	cnatatttnc	ntgggaatct	540
aattcaaagt	tngtgggnata	caacctgagc	cttttcttat	ntaacacaag	aatatgttca	600
catcttggta	tgnngccata	tttatngaag	gctgaactcn	attgtgcaag	ttgtntctgga	660

tgcngtttgt aaataactga aaataatttg gntgaccttt ttattcaatt ctgnatagan 720
nttaaaa 727

<210> 4890

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4890

tttctactaa	ttgcttggt	acttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
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aaagannacn	naaatgctgt	tgtnttaaca	tttcagaaca	ganattgtgt	tgatgtgatc	180
agtgtttggg	ggtttaacttt	gcgttaattc	ctcaggcttt	gcnaatttaag	gaggagctgc	240
cttagaaaann	aaataaaggc	cttattctgc	aatantngga	ntgaaccaat	attctataga	300
acatataggt	acagctgata	tcgtgtatat	nttccttana	gaatagctga	acaccttgag	360
ccttaanacg	gagctgntgg	gaaacattan	gcactctttt	atgcgtttac	tcctgcctnt	420
gcttggcact	gcantcttaa	ganagattca	aaaggctgcn	aangaganga	aatctgttcn	480
nggaatgttt	cacnggccna	taagatgcnc	naanactctg	tnctcngatg	tntgcctggg	540
cccnatgtgn	aaggaggat	gcctgctcgt	tcttgcnctt	ntgcctctna	gnacacnadc	600
agtnnnccct	tcaagacntt	ccacttgntt	aanatattta	tnnatgncan	gganaaggct	660
ttaantnnat	nnggacaaat	aatgctttag	ttttnttttc	caaattaggc	ccttntttta	720
aaacaagggt	ggntgnannn	tcctctna				748

<210> 4891

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4891

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gcccggccaa	ngacactttc	aaatactcat	gatnggatat	gcctctgtga	ttgacagtga	120
gcatttcaaa	tgggttaaag	attgctctgc	aaagagggtta	actgtngaga	ttgatacagg	180
ctatcttcaa	catatgtaca	ttgctgtata	tgacatttac	ctaccattgt	gcacctggga	240
cttctctgat	gaccacagga	attccctttt	cttcccatte	tcttccagat	ctttcttcta	300
cttgaaaccc	cttatctaca	aaaatgaata	aacaacccaa	tctcatttct	gatecngtcc	360
tgggaattgat	ctaaggcaan	gtctggagaa	gtgggtgggag	acagcanaca	gctttngtta	420
agtcttctaa	ccccagcact	ttctcagcct	catctgngng	ttctgtcttc	actctgcaga	480
cctcacttna	caatgctctt	cagatccttt	aatgaatagg	aaattgattt	tgggtatttc	540
tatnaaatac	agcagagtct	tagaaacttg	cagtggcctt	nanangaaag	aacccttctt	600
taactncctg	gccagattna	tctttctttt	atgggntcna	acactaactg	ggaanttttn	660
cccatgggan	ggtatttgng	cctttcagac	tggctttttg	nngaactggn	tttggaggga	720
cataaacctg	aggactggtn	atanttttn				748

<210> 4892

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4892

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gcacgaggtc	tcataacct	nttngacanc	aataannnna	cgncnagaac	cttnnnnaan	120
tcggnaaatc	tgnccatacn	ccacacggan	ctaactctngt	ncnngacatt	anancctnaa	180
ngcatgcgag	tttntaana	aggcngttnt	ctttccaaag	tggtngccaa	ntttatnact	240
tatgtgnana	attgnttncn	gatgactgcc	anaaggcttt	tnaagatcta	nnctgtgna	300
ggaagtntn	taagaaaatn	gctgnacnan	ttgctanata	nttgtnngcc	atatntnatn	360
antgtaccan	ttgatacttg	gctgtncctt	ctataangca	tagtgagaan	ttncnctanc	420
gantttnta	aatgctnttc	nggtnacatt	gccaagaatn	tggtgcnnca	naatgnntaa	480
taattntacn	ngatngaacg	tctacctagg	cttaggactc	aagctnnatg	gaatgctgtg	540
tagnacacat	ttgtaaccgn	gnccgacatg	gaaatngtgg	gnaaacngan	ntttcctgng	600
aaananaact	caggttttac	tttngcagg	gcantncnnn	atntntncnn	ccctacaact	660
gtgtgagcgn	agntnccttt	ntcncacttg	tgggatacnt	ggntaanncg	gcca	714

<210> 4893

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4893

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gtgtaggaaa	gacctttaac	taccagctgg	tagtngtctc	ancattcttc	aaatagtccg	180
gtcttgttta	atattattat	tattatngtt	atttaatttt	atntatttgc	aactgtactt	240
agagaatagt	ctggctctga	gaccttttca	ctgnggtctg	ntctggtgta	cggtcccac	300
cagtgtgaag	cagaaggatg	actttgctct	gttgtcagga	caaccttgaa	ggaaggagcc	360
aaatgtgtgg	aggtctgtgg	gaagagagag	ccacctagca	tgtccccact	gaaccagtca	420
gcaagaaggc	cttccccagg	aggcctccaa	cagatccctg	aatgccacat	aaacctcana	480
ggcttgngna	tcccaggacc	ctccaggcgc	tcaagatctc	cctttgccgt	ggtcctttcc	540
gtcatcacac	tggccacagt	cctctccaat	gcctntgtac	tcaccaccat	cttaactcac	600
caggaaagct	tcacaccct	gncaactacc	tgattggctt	nccttggcca	ccaccgaccn	660
cttgggtttt	ccatcttggg	taatgcccc	tcangcattt	gccttatctc	catttaaccc	720
aacannctgg	gaacttttgc	caaaatcttg	nngtgaacaa	tttggctggc	ctcngacn	778

<210> 4894

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4894

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tgancancat	ctcagnctgc	caagggagaa	catgantccn	catgaacaaa	ntnggttccc	120
tgancagggg	gaaatgnaat	gctgagactc	acancaggng	gtgcgncnta	nngacctntn	180
nctgnannga	nanantgnag	gccacnatac	actngatgan	nnaatggact	nnctcttnaa	240
agtgctggna	ntgctnctgc	cataantata	gtanatatna	canttgcctt	ggtcctnctt	300
ctacctnaga	atgctgtgtc	ttacgctctg	tcttcccana	tctcccanna	nttgggaann	360
tctgaggtca	gagggcaaaa	ngagaacctt	ttaattctga	ntctgacata	atcagatctg	420
gaaccagttg	nnaagctgta	anacttatgc	angcgtaagg	tggttggtgg	tttaagcctt	480
atgntagctg	tggtnttcta	aaanantntg	aatntatctc	tgcatagng	tttgacctgc	540
atttgctaan	ngngtcnnta	anggatgtgg	ngannntggn	anttncccca	tgcattccna	600
gngtctnggc	cnntanaaac	cnggnccaat	tgaagttcaa	cntttaactt	tnggcctgta	660
naggaccatt	tggccatngg	tgnccttggt	taaagggaa	gaatnttgng	aatncgatta	720
agccatttnt	aatttccctn	nttggccttn	aatccccent	ggaattcttt	nncngggaa	780
ccctttt						787

<210> 4895

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(863)

<223> n = A,T,C or G

<400> 4895

nngtcnctt	ttncaannc	tngganaccc	gttctttctc	nanacannaa	gntctnatgc	60
tgnggcacga	ggtctcnagt	ttttttntt	tgntngtnga	nacaggctcg	ctctgncgcc	120
cangctggag	tgcanngcg	cantctcggn	tcaactgcanc	ctccacctcc	cgggttcacg	180
ccattctcct	gcctaancct	cccagagtagc	tggttagcca	gcccgcncnc	accactcccg	240
gctaattttt	cggatttttt	agtngatata	gggnttcacc	gtgtagcca	agnatggtct	300
cgatctcctg	accttntgga	tccaccacc	taggccttcc	aaantgctgg	gattacaggc	360
ctganccact	tgcgcccggc	acattcaggt	tcttatcaan	gaaataaccc	agactttaat	420
cttgaatgat	acnattatgc	cccaatgttt	aagntnanaa	aaatttcctt	aaaaagggtta	480
tctttaaaa	nagnatcttt	anngcnaaaa	tacccaagct	tgatggaaa	gccatcttgg	540
atgcccttnc	attcttgtnt	caattccatc	ttcccaaana	nccagggttcn	aaantaaccc	600
cctttnttgg	ttggggcnat	atgnaaattt	tttaaaggga	gttnaattcc	aanatggatt	660
nnaaaccaga	ctgccntgaa	ttgganaaat	tnntgatttc	cttcaaaatt	gtggttctnt	720
ttctaaantt	ggctggnccc	ttaatttgga	ttaatttaaa	tccatgntat	tattgattaa	780
atctngange	angatgaaac	tttaccagtn	ttggaaatta	attactaant	taatcncnaa	840
tatntnnaan	tttttccttg	atc				863

<210> 4896

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 4896

ttntntntt	caaatttcaa	atnctagget	actngttctt	tttgcaggat	cccatcgatt	60
cgggtggaact	gagtgccact	cgtaagaatg	ccagcaacat	ggagtacagg	atcaataagc	120

```

cgagagctga ggattcaggc gaataccact gcgtatatca ctttgtcagc gtccttaaag 180
caaacgccac cattgaagtg aaagccgctc ctgacatcac tggccataaa cggagtgaga 240
acaagaatga agggcaggat gccactatgt attgcaagtc agttggctac ccccaccag 300
actggatatg gcgcaagaag gagaacggga tgcccatgga cattgtcaat acctctggcc 360
gcttcttcat catcaacaag gaaaattaca ctgagttgaa cattgtgaac ctgcagatca 420
cggaagaccc tggcgagtat gaatgtaatg ccaccaacgc cattggctcc gcctctgttg 480
tcaactgtcct cagggtgcgg agccacctgg cccactctg gcctttcttg ggaattctgg 540
ctgaaattat catccttgng gtgatcattg ttgtgtatga gaagaggaag aggccagatg 600
aggttcctga cgatgatgaa ccagctggac caatgaaaac caactctacc aacaatcaca 660
aagataaaaa cttgcgcccc tagaaacaca aattaagtac tgcttacaat atctttangn 720
tcc 723

```

<210> 4897

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 4897

```

gtttannacc agctcttgnt cnttctgcan gancgatncc atcnatnnnn attccgnncn 60
agggggctga ngcgnccgag gacagctcgc gatgagnggn cnacgaaggc tcntctgnac 120
tggnnncann gtannangnn ctnnctcngn gtatncngtt cncannctna ncgatncatg 180
tnctntactt gatcnggata naactgtatn agaaccaang naactnnncan nngctactga 240
ccntncccat gtncnctgc acgtagtgtg atagatanca ctaccnntna ccagntcgat 300
gaacccgatn ngtcctgcag ctggtncana ctgtctgngc anctnnncnc ttgcagttgn 360
accttnnggn ccttggttaat gncactacca ntgtgctgtc cttatgccat ggatgttgnt 420
cccagatctg tactaacnnc tnccaggaca tggccaattt gggtagcccc tnantgnaga 480
tgnnctgacn ntganatcac tgatnactan atggggctca ncgtgattta catgccactc 540
ttggtnatat ggtcttantn gatgnnanc ntgatngtgn caacctnttg gaatgacct 600
natgagctgg anccatgaaa ganattgnnc caagcattnc ccnntgacgg ngantatggg 660
ctnantnccc ttattactat tnccttngtg gacttnttan taanattctg caaagctcan 720
gtccaaattg natnaccttt ngnaggcann accnttcattg gntnttgtgn t 771

```

<210> 4898

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 4898

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gnttntntnt ttnaaatctc angctacttg ttctttttgc aggatcccat cgattcgaat 60
tcggcacagag actgctcctt cattcccaag aagaaaagac aagtactgct acttccaaaa 120
ctcagacacg acttgaagggt gaagtgactc ctaattcctt gtcaaccagc tacaagacag 180
tgtcattgcc attaagctct ccaaacataa agctgaatct cactagccct aaaaggggtc 240
agaaaagaga agaaggggtg aaagaagttg tacgaaggtc aaagaaattg tctgttccag 300
cctcagtggg gtgcaggata atgggaagag gaggatgcaa catcactgca atacaggatg 360
ttactgggtc ccatattgat gtggataaac aaaaagataa gaatggcgag agaatgatca 420
caataagggg tggcacagaa tcaacaagat atgcagttca actaatcaat gcactcatc 480

```

```

aagatcctgc taaggaactg gaagacttga ttcctaaaaa tcatatcaag aacacctgcc      540
agcaccaaat caattcatgc taactttctca tctggagtan gtaccacag cagctttcag      600
ttaaagtgc ttttctttgg gtgctccaac tctttgnaac ttacangng aacaacctgt      660
ttctacngtt tcaanccnt ttattaaacc tttatnagga atgttcttaa aaaaaaaaaa      720
aanaaaaacn nt                                     732

```

<210> 4899

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 4899

```

nggagggntn nnnnnnata gacagctact tgttcttttt gcaggatccc atcgattcga      60
atnccggcncg agcctgtgtg ggggtgcngt acattgcana cgtctagng acctgttgtg      120
atgaactntt ntcnatggag agantcactc nngncntanc ancggnccg gnggatcaag      180
aganacngtg tancnctcng aggatataac tnnncaagat ntactactga tgcancnat      240
tntngccttn nactngnggg cattacacnt gctnntgatg ntagnnnaa atgnnttaac      300
agnanncnnc cnattcatga ctgccgtggg atctaaggga atcaatgcc actgtntacn      360
tntggactct naaagctaatt attgtacatg gtctatcagt ccnggaaatn tngcttataa      420
tatnnatgng ncnttttaatt gacntntatn nnnnagatcn ctacttttn cnanagggct      480
ataatgagat tcacgaagtn tgcttacnng agagcanaca tccggtnatn atactgaaan      540
tctgtgtggn atnaaggntt ttgaacactt gcaattatnt gaattaattc agcncctggg      600
aagaactncc aggaagttca cananagant ccatntgtgt gaaactgcct ntggatanta      660
ctccantgnt gnatgctctg ntganatctt ccanntgggc taccgattna aggccatggg      720
caagntnctc acttngcagg nctgaattac c                                     751

```

<210> 4900

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4900

```

gtcttgtcct cnnaaacctt ttgcacttcc tcttttttgca ggatccctcg attcgaattc      60
ggcacgagag aggggtgggg ctggccacat aggtnnctct gtggctctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcat ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaag taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga actttttgtg aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaan      660
atantnaacn ncantacccc ctcntngaaa naaaaaaanc tcgnaccntt ttgaacttt      719

```

<210> 4901

<211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4901

gtcttgtcct	cnnaaacctt	ttgcaacttc	tctttttgca	ggatccctcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtmctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttntatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaaggggaa	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggcatgggt	420
ttgatcanga	actttttgta	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	caactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaacn	ncantacccc	ctcntngaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4902
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4902

tcattcnnt	nctagnnctt	gggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggtegg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcnena	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntgnnacga	gttcgacaag	atltgcgatt	gacttccana	ctntacncnn	tgntgntcct	480
gntagatggc	tntaaanact	tggnctccn	atgtggatcat	atggagaacc	ccttntctgng	540
ncgancnttg	ntcangcctn	gncttttenc	ctggaagnag	gntcccaactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngnncncc	cnancttggt	nggttnaacn	660
ttcctaagg	gccanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4903
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)

<223> n = A,T,C or G

<400> 4903

tcattcnnnt	netagnnctt	ggtgcgganc	cntcncttcg	natteggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatgcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatz	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacnenn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtggatcat	atggagaacc	ccttntctgng	540
ncgancnttg	ntcangcctn	gncttttenc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngngncnc	cnancttggt	nggttnaach	660
ttcantaagg	gccanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4904

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4904

tcattcnnnt	netagnnctt	ggtgcgganc	cntcncttcg	natteggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatgcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatz	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacnenn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtggatcat	atggagaacc	ccttntctgng	540
ncgancnttg	ntcangcctn	gncttttenc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngngncnc	cnancttggt	nggttnaach	660
ttcantaagg	gccanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4905

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4905

ttgcnaactt	aatggcttgg	gganactngt	tctntctena	ggntgccnng	cgtttcgcaa	60
aaaggcaag	accaagacca	ccaagaagcg	ccctcagcgt	gcaacatcca	atgtgtttgc	120
catgtttgac	cagtcacaga	ttcaggagtt	caaagaggcc	ttcaacatga	ttgatcagaa	180

cagagatggc	ttcatcgaca	aggaagattt	gcatgatatg	cttgcttctc	tagggaagaa	240
ccccactgat	gcataccttg	atgccatgat	gaatgaggcc	ccagggccca	tcaatttcac	300
catgttcctg	accatgtttg	gtgagaagtt	aaatggcaca	gatcctgaag	atgtcatcag	360
aaacgccttt	gcttgctttg	atgaanaagc	aacaggcacc	attcangaag	attacctnag	420
agagctgctg	acaaccatgg	gggatcggtt	tacagatnan	gaantggatg	agctgacaga	480
gaannccctat	tgacaaaaag	gggattcaat	ncatcnagtt	cacacgcntc	ttgaaacttg	540
gagccaanac	aaaattactg	aaaggaactt	agctaaanct	ttncanttcc	atggcttact	600
ctttttactt	nttaaaccctt	ccccnccttt	tanaacntnt	gnattncaat	taattttaana	660
attttggccn	tttttttttg	ggggtttntt	nccanctttt	tncctttgnc	tttggttaan	720

<210> 4906

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1593)

<223> n = A,T,C or G

<400> 4906

ttttttggna	aaaaancccc	caaaantanc	aagggccctt	aacctttggg	ttttcttttt	60
ttttnggcca	ggggggaatc	cccccnatnc	cggnaatttt	cccgggaaaa	tttnccgggg	120
gccaacccga	aggggaatttn	ggtaaagncc	aaaaggtttt	ccaaggccta	aattggggng	180
aaatntgggg	ctctttcnct	catcnanggc	actactnct	cgctcntaac	aanannannn	240
tatntanntt	tntatacctt	atcanncaca	annnnctcct	ntacntacg	tatacatntt	300
ataatnnnat	ttanctatcc	atnctactnc	cctcantcnc	ttataantac	ctntcctact	360
cctacatatn	gacncnctga	ntnttnnctn	anacnaancn	ncntntnnna	tntnttctct	420
attanttaaa	annntccnnc	tagtncttat	atantatcan	tacttnntct	atnaccgatc	480
acntcntaan	cnttatcttt	cntatntaen	ctacnnatnn	ccatnattat	cgctcnnattt	540
ancttntnat	ttactacang	antgntctat	catnctcnna	tancnacnnc	tctnntccat	600
actnncnatt	tgacnacnng	ancatngttg	ttctccttat	ncatgntcgt	ttnatacann	660
actacattat	caatnatntc	nctnantatt	cnaanntacg	cantncncat	nnctactcan	720
nnanncnnta	cctactnant	tctnacnatg	tctntgttaa	ctatattaac	cgtnccgnacn	780
tanacatcaa	gntnacatac	ntancngan	acataccaaa	ncnatannnta	acatatcnct	840
nacttacana	nngacnattc	tactacatca	atctacctnt	ctgtaangna	ccctttatga	900
tactaccaaa	ancatnecgt	ctacttctct	cactcctnac	ncatacnant	nttgcatng	960
cnatcncacg	tannnncccta	cactatagct	annnttgntc	tenttttntc	tcactantcn	1020
ncactntnta	natanntant	ctntctnann	gnctctgtng	tnaaactcca	cgcatntaca	1080
ccgctcnnaa	nctccctacc	canctnnctn	tatcccttcc	nnntnaann	tatangtctc	1140
tatatacnct	ctncanantn	acatctntta	ttctccncta	tgctccctttc	aacaaaatac	1200
acannanact	nactcttctn	aacatangac	atactnccgn	tctanantca	tcnanntant	1260
cananantnc	ntacnnantc	ancttcttta	nnanaccnnc	gtatntntct	tntctnnnat	1320
ctntntncnn	tntctaaatt	tagttncctn	cctcncatgt	nttancncaa	nacactntca	1380
tncatgcann	ttcnatacna	atacntannt	acatntcatn	canntnnatt	actnaangac	1440
atancngcca	tataactan	gattgtaaca	ttcatnanna	ncnnncngnat	ntacacntta	1500
ttctctatat	natactctgn	atntcacnnc	ttctntcnat	ctntacnann	tcangtttnc	1560
ancacnatct	ntctnacntc	ancctccaaa	ccc			1593

<210> 4907

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 4907

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gnncttngaa tttaannccn ttngctactt gttcttttttg caggatccca tgcattcgaa      60
ttcggcacga ggttcctgat atggcnggct atcctcacat gtcgttacat tncatcagga      120
ttggatggaa catcattcag aggtcctttc acgggcaatt ttgaggaact gattcatttg      180
gaagaaagat taggcaatgt caatcgtgga gcatcccang ggacaattga aagatgtaca      240
tatccacata aatacaaaan ggttacaact gattggttct cacagaggaa actgcactgc      300
aaacaagatg gggaagaang gactgaggaa gacncacagg aaaaatgtac tatctggtn      360
nctatttttag aggaaggtga agatgtgaga cgtcttgcat gtatgcacct tttccaccaa      420
gtgtgtgttg accaatgggt gattccaata agaantgccc catatgcaca gtggacattg      480
ngcccctctg ccaagtgaaa gntgacacca tgttttnanaa ctnttgccct ccctctcatc      540
ccattacttc ctgntgctgt acttcaacnc nnagatggca tgacttacct gcgcagattt      600
ggaagcattg naacttataa tgcctgctnt gctatatggg acaacttatg cttagacct      660
cagtttatgt atcaagtggc tttgangtnt tatnaaagct ttttttctag attgacnttt      720
tcngctcant tactggtnt tgcnnngtc      749

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<210> 4908

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4908

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ttatnctgtn nnnnttttna aannatagct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagccgga acaaggacca ggagggtgaac ttccaggagt atgtcacctt      120
cctggggggc ttggctttga tctacaatga agccctcaag ggctgaaaat aaatagggaa      180
gatggagaca ccctctgggg gtccctctctg agtcaaatcc agtgggtgggt aattgtacaa      240
taaatttttt ttggtcaaat ttaaaaaaaa aaaaaaagcc tctagaacta tagtgagtcg      300
tattacgtag atccagacat gataagatac attgatgagt ttggacaaac cacaactaga      360
atgcagtga aaaaatgctt tatttgtgaa atttgtgatg ctattgcttt atttgaacc      420
attataagct gcaataaaca agttaacaac ccaattgcat tcattttatg tttcangttc      480
agggggagggt gtgggaggtn ttttaattcg cggncgcggc gccaatgcat tgggcccgggt      540
cccacttttg ttccttttagt gagggttaat tgcgcgcttg gcgtaatcat gggcatagct      600
gtntcctgtg tgaaattggg atccgctcac aatttccnca caacatacca acccggggagc      660
cntaaagtgt aaancctggg ggtgccttaa tgaagtgagc taacctcaca ttaaattggg      720
gttgcgctca ctggncccct ttccagncgg gaaaccttctc ttgccaanct ggcatttaaa      780
gnaatnngg      789

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<210> 4909

<211> 1214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1214)

<223> n = A,T,C or G

<400> 4909

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gcncctcccc ctnttnaaa ccnttnaaa acccttgggt aaacccttc nnattnctna      60

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tngettggn	ctacctnctn	nacctnannt	nnnatncac	ggntngcnnt	tttenacgtt	120
ttnnccnccn	cttntncact	cagcaacttt	ntnacnctta	atntgcant	nntctnctan	180
cggngggccn	anantanatg	gnataacang	gntgtcnncn	gactgntcct	ggccntgnaa	240
atancatctn	tnatggntaa	ncacannttn	tccanagcnn	aatagnntng	gngccnctg	300
aanccccaan	ncctnattnn	cagcaccac	ctttattatt	nantatgna	tcataccanc	360
tcganncct	atnggtggnt	ntctnggcc	antgnaatat	angccgcagn	catntngnnt	420
aacgntatcg	ntgcaacant	cnntccaaact	gnaacantng	ctcntnnctt	cgccactnnt	480
aatanttncg	ntcattacca	agtatnanaa	ngntatcttn	tncacactaa	ntnagcgngc	540
ncaaagntng	natnatcact	cnnatcnata	actnnnantn	atnnnnnang	gtncaanatc	600
ttttntanat	cnntatattt	atantcnant	tntantnnna	attcanntgc	ttgnnancac	660
atgnanncta	nnntantnn	annncnntat	nctctttatn	gctnttcccn	tttnnantnc	720
anttagacnn	tacntnncnn	tnangcgcn	ntattaanca	acannannnt	tnnantcann	780
tnctctntnn	cgattctntc	gncnccntc	actgccnncn	ntnntcnct	nntctntccn	840
ntnctnnnn	nngtcnnnnt	ntctcttct	tcagnnctg	tcacgctctn	atantannac	900
gtatactntc	tnctnnntann	atactcgana	cacactgntg	atatannctt	ntntacatct	960
atcantacgn	ncnanatcat	anantnnctn	atanctctca	cactctntca	cgatngtntc	1020
atcgaccac	ttcgnnactc	atagatntnn	atatanntac	cnngtgntan	tctnnntnat	1080
cantaanaan	gcangcacga	cgnacatctt	gctntcnnc	natntcnct	ctcnatnatn	1140
nantnacact	aancacnata	cncactaaact	atattactcn	catntcanen	ctactctatg	1200
actctancta	ngcc					1214

<210> 4910

<211> 1192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1192)

<223> n = A,T,C or G

<400> 4910

gnnaagggt	nnenttntc	ttntctget	ttgngtcac	gtcntcgacn	gngnctcngn	60
ctgntctaga	tgacctctcc	gctttttttn	catngaaaag	ctcnanacnt	gtnnctaaat	120
ataannctna	agannggacn	ctanaaanng	ctcactatac	atgctcaact	aaacnncccc	180
tgantctatat	gcgctaggng	aagcatgctc	ntncactaga	caattgactc	tgctttagnt	240
aattccnatt	ccggaaactc	gcgcaaccgc	gtnnccctggg	gacctcctat	ctcntngaaa	300
cgatgaaaaa	gccccaccct	tttagngtcn	cncctngagg	aaatnggcgc	cattgggcga	360
nattcgccct	ccaaaggga	aangnggggt	tagacncang	nccttttcac	ccctngggna	420
ggngttgnaa	ngggaatagg	gnctcnaaat	ccccnaatt	tcctnnngnt	nnaaatgggg	480
gccacctcng	taaccantcc	cttggtgggg	gaaaaatttn	gccttnatta	ncccttnact	540
nngggnaaac	ctttnccgga	atngttangc	aaaaattttt	tggtttgggg	gcctttttgg	600
ggccntaagg	natttcnggg	ggntttancc	cccaaaattn	tttcgtnggg	gncanattna	660
ccaagngnnn	ccanttggan	accccaattg	gttgggccc	ncccttggg	ttntnggggc	720
ttaccttana	aaaatnctcn	gagggggcnt	taaanccttg	gtnggaacct	ttttttggaa	780
aagggtttcn	ccnggggnnt	ncccttttna	aagggcgtta	atancccngg	ggtcttagtt	840
tnnggnanaaa	anccaatntt	nttcnccnaa	attgggtttn	ggggcntttg	gtatcccccc	900
gnaaattncc	aattncaaaa	aatttcccnt	ggggnnccaa	ttttnccnta	ancccttttna	960
aaccgggttaa	aaacctnggn	ggggncnat	ttnttttngg	ggntnnaana	atttgcccna	1020
accgttntta	accttnttnc	ccctttaatt	cgngntttn	ccccannntt	tttgtnngcc	1080
cctaaacngg	cntaaccagg	ggaccttttt	nggggaaanc	cttnttccat	ganaaccctt	1140
tccttaaaaa	aaggnggtgn	cnacntggg	aggaancatt	nnttggggaa	tn	1192

<210> 4911

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 4911

gcnccannccg	annnccncan	ccannccennn	ncnacncccn	aaacggnana	agccgacgcc	60
acangncccc	gcgancgccc	aggctgaanc	ttgcnttcaa	aagctggaan	cgacacgctn	120
nagnnncnagc	nacngcncgn	gncacgaggc	ccatgtncag	nctccaagac	cnncangaca	180
ccgcccgaatg	ggaagccccc	gnggncngga	ggcgcacagg	aagaagggga	tnggggagc	240
aanaagccca	nggcccgaag	aagaccggag	gacccanaag	gncaggaaga	gacacncacg	300
cncgcncnca	cannnnccgn	acaaganacn	ancangggga	gcgacnagcn	aacanncaca	360
gnangagaag	ngancacccat	gngcgacgna	nnacacgcga	ccnagcngc	nagaatggac	420
ncanagacca	canngtgaga	annaagccnn	agacganaag	aacncangng	ccgcangcnc	480
ccngagagggn	cccccccg	canaacatgn	cancnactac	accngncnna	cnaaggggac	540
tcaggngata	ngaaggcncn	acancgceng	naggnaaaac	nngcacacnc	nggaaacnnn	600
gaacctgna	angnnnnncnc	aaaaaaacn	canggggnaga	aaagagcaaa	gngcgngcac	660
gcagggggnnn	cgnaannana	aaaccnngc	aggngaaaac	cacngggcta	naaccaggnc	720
ncaagnnac	ggaanaacaa	cgagcnaaag	nnacactaan	gaaagnngng	cgcaacngna	780
aaggggnaac	nanccncang	ncncacgcan	gggaaacnan	cgnnnaccga	naaaaggggc	840
aanngagncn	ccnnggggaa	aaggcaccaa	naagctataa	cccagagagca	gagnnnanng	900
ccccncgcca	gagaaanccc	agagnaanna	ngacgnaann	aancntcnaa	naaacagcgc	960
ncaaaaangcg	tggnacannn	caaacancna	acncngnna	ancccc		1006

<210> 4912

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4912

tnaatatcag	ctcttgttct	ttttgcagga	tcctctgatt	cgcanagagg	tgttcgactg	60
ctngagccna	gcgaancgat	gcctaaatca	anggaacttg	nttcttcaag	ctcttctggc	120
ngngattctg	acagtggagt	tgacananag	ntaancagga	aaaacaagtn	gctccagaaa	180
ancctgtaca	gaaacataag	acaggtgana	cttcgagagc	cctgtcatct	tctaaacaga	240
gcagcatcng	cagagatnat	nacatgtntc	atattgggaa	aatgaggcac	gttantgttc	300
gcnattttaa	aggcaaagtg	ctaattgata	ttanagaata	ttgnatggat	cctgaagggtg	360
aaatgaaacc	aggaagaaaa	ggtatttctt	taaatccana	acantggagc	cagctgaang	420
aacagattct	gacattgatg	atgcagtaag	aaactgtgaa	attcgagcca	tataaataaa	480
acctgtactg	tctagtgtnt	ntaatctgtc	tttttacatt	ggcttttgtt	nnctnaatgt	540
tctccangct	attgtatgtt	tggattgcag	angaatttgn	angatgaata	cttnntttta	600
atgngcatta	ttaaaaatat	tgagtgaagc	tnatngtcaa	ctttattaag	gattactttg	660
ctgccaccac	ctagtgtcaa	ataaaatcaa	gtaatacaat	cttaataaac	ntttaaacta	720
taaaaactcg	acccttagac	ctatantnag	tcggttn			757

<210> 4913

<211> 711

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 4913
 gtnactaatg gctgggctac tcgttctttc cgcaggagcc cancgattcg tcnagtgnctc 60
 gnggnttgtn antntnngcc nnggcantna ttnattgncn ntngatgatt gatatacaaca 120
 nttgaggttaa aaatatncat gaggtctaaa tataacatgt aaatgcaatn tcatacttta 180
 tttncattgg caagataaca ttgantaccn atactgnggt atttgacaaa caagcttgat 240
 gcatcgtgat ntcnncntta tttccctttt ccttgnttta aaaagatgca ctgcgttgtn 300
 atncnnggn natatganta ctatgngcac naaaacnana anntcngatc attcgantag 360
 aggganaatc nganctncan tcncattcgt tctnattcng nngnanggat ctngtaggtc 420
 ctccnttctn agatgtggnt ttaggccagc agcntaggca tccctgagac tccttataaa 480
 tgcataaatc tcaggcncag cccagatnac ttggagcata atntgcagtt tgcaagatcc 540
 ccaggcaatt catgtgcatg tgaaatnngg acaagcacct ttntgggcga tgcaaagcca 600
 ctcattctcg cgtgcctatn acggttttca aacacatcgg atcccatctc aggagcctga 660
 cccgtgtnta nctanattaa ncttcaactgn tgatcttnat gatgcataatn a 711

<210> 4914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4914
 agagnnnnnn nnnttgctgn ntactnaatg gcttggggtg gttgttcttt ntgcaggag 60
 cccagcgtat cgccgggtct agccaacatg tgactacaac tgcataaag accttaaatg 120
 agacctactc agccaaactc ttcctaagtc ctgtccaaac aaaaccatga aggataagaa 180
 atggttatta ttattttaag ctaccacctt ttggtgtgat tattatatgc aataataggt 240
 agcagacact ggctttgggt ggacatgtat gttctctgca tattctgctt ttgtgcatgt 300
 ggagaaatgg gctttctggg ctgctgacaa tgaggaggta gagatgttgt tcaggcagat 360
 gcgttttagac ttcgagtcca ctttctcctt ccaagaacta tgtggcetta caaatgctgg 420
 ggttggttta agaaaacaga actcttaatg tttgtaaaca ttcctgtacg agagttcatc 480
 catcatttgn gtctctctag aaaggctcata cgcagaaaat gtagtggtgt agcaaaattt 540
 taaacttttc agactggcaa aaccctttct ttaatgtata gtattactac tcatgtccat 600
 tatgaaccat gaccagggga gactctgctg anacaggctg catctnctcc accttattct 660
 nctaagacan gcttctacct aaggggacat agaatttacc cctgtttgtn ggggtggtgtg 720
 gattcttncc aactgnctta atccactgg 749

<210> 4915
 <211> 542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 4915
 atccctcnnt tntcaantca tattctctcac aagcannctn tanaatntct nancactttg 60

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ttctntcneg cnaaggnga cgcgatntga ggacttttggg gnnnntgann acttggetga 120
ttcacatgcc anggcctngn angaagcagg agaaaggana nngngacng acttaaactg 180
gtncaatacc atccttacca ccngaagcta tccanagctt ctgagagngt tgcagaanta 240
caccaantac acnaancatg acatgaacaa agntctngac ctngagnaga aaggtnacat 300
tgctaagtgc cttnacagct ctcgtgaacn gcgccacagg cgaaccagct ttctttgcag 360
agaagctcta tcangccatg aaaggtgntg gaactcncca tanggcattg atcacgatta 420
tggntncccg ttctnaaatn nacatnaatg atntcanagc attctatcag aagatgtatg 480
ggntctnctt ttgccaaacc atcctgnatg aaaccngang agattattga agaaaatcct 540
gn 542

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<210> 4916

<211> 1285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1285)

<223> n = A,T,C or G

<400> 4916

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gaaagnacna aagncagctt gacagggatt tnaangnntn ggaacncnnn ttctcnaagc 60
ngnntggctn ngatnannta tanatatgtc ttncatnatn angaacnaaa ntatntntgg 120
gnngggnttc tncctngagng atttctgtna ctctngantt nntaatgcnt nananntgtn 180
ancgantnng gtnaattgtn cctancagca ncatgtancc ntaaaaacgc atncnatatn 240
tcttancnch nagnggtncn nccnattat ctaatgnctt cttnaactga nntntaangg 300
nctntgtant nccngaanct ttaagtnnat tcacgncnta tattctaant catgttccaa 360
nnnncctatc ctgcanaatt acnctgcnnn tgatccntgg catcnnggaa gntcantnch 420
gnncaattat tcatnatatt gtggcattnn tctnattna tactancgnc ntecentan 480
atatatanaa gncngcaanc tctgtngaen ncttcnaat ntgacnnacc cgtntattat 540
atgcatnaac ccntatectn atcnanctct agtgtggctc ttaggcaccn annatttatg 600
ggnacccctgt gntcaaattn ggntctccgt nanctnacng ctctcnattt aangntnang 660
nctaacntaa ccntctttgc tgggtacaat anggcgnacn ctccnctnnn nacatttttg 720
nnanaaagnc tacntgggnt cactatntna nanctacncc ttttatcggt acntngcgta 780
atnattgncc atatgtgata cgngnccaac aaaatgtcac tntatataen tntggntcnn 840
acntcnncgt tanncnncct atntaacntt cannttttac atanannctt aaaacntntt 900
gngcaaacia ccaatnggng atcttnnnga aaaattanca tnggtttttt ggctactttn 960
ctatntcatt naattaccgn nntatctcna ncntanntaa ctacnttttt nanaaaggng 1020
tcaatgggtg tcatctctca gngacaccct cncctatata ncatnctnta tntagtataa 1080
tctcanaaaa cncctccctc naaancttnt gggnacntna anaanacgtg actntcannt 1140
cgaanccttg nnttntntaa tnnnggatant agggnggtac naaaaaaann ngtgtttata 1200
aacncancnn ttnaanntt tctctatatg ngcaatttcn acggtattnc tnncnngtcc 1260
ccatatatac tanatcacan tatnn 1285

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<210> 4917

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4917

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gnnncntnnt tncngccttt ngaanccenn agttccaaat gctgggttnag atcagctctt 60

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gttcttttttg	caggaccctc	gtcanaatto	cnacagggag	anttcgggna	ntntttannn	120
ngagacngag	tctggctcnn	tngccagecn	gaggcgggan	aancncctga	acctgagang	180
tggacncngc	gctgagccga	nacntttaca	ctgcactcca	gcctgtcnac	agantgagac	240
nnntntctcaa	agnatgtata	atnctnacaa	nnnctccacn	ngancaaann	nnnangannc	300
eggannacgg	agnctcctnc	cctnaangan	ccntggaaga	atggagncac	ccagnngctc	360
natttntggg	nntnnnnact	tnngccgtna	aatggatgan	caagggctca	ancagtnccc	420
tncataatct	gccctnaacc	cntncaaann	aacatntnnn	gccantctnn	cttcanaaac	480
nggaaggagc	cccnatgac	atnccagtcn	nagccccan	cgaggaacna	ggcnnntgnc	540
ccnanntgag	tgcnagnana	agggcnccct	gccanagccc	ctgccggntt	tcntncaana	600
anggaaagaa	nangaagcaa	ccntggaaac	tcgctctgcc	aangagcncc	nngacaangg	660
ttnaaccggg	nggccnnnt	ctgagcttng	ccgccntttt	ctgngggncn	nccccaaagaa	720
gtgtttacac	cccttaatcc	ccnctttanc	nctngatttn	nggggggnccc	naaccgggat	780
nn						782

<210> 4918

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4918

gnnnnnnnnt	ttnnngctnt	tgaaaacccc	tttgtttcaa	agaccnagtt	cttgttcttt	60
ttgcagggat	cccatcgatt	cgaattcggc	acgaggtcac	aggtaaaaaa	aangtgcgtn	120
ataagtnttg	ttatcggtgg	actttataaa	agcaaangaa	attgangtaa	cttttgattc	180
tggntcaag	attcatnttt	ncatacaggt	cataactgnc	ttmntgnaac	cctttcacag	240
ggcactgnnn	gatgggatta	aaggtggcaa	ttactggata	actgcacatg	cctctacttn	300
gttctaaant	ctangtcatg	aggtgatttg	atttacttta	tagangctgg	attttgaaga	360
tctaagttna	aatgttatga	tnatatcagt	gngtncaaaa	aaagcaccag	caactgataa	420
aaatcgcntn	tttgtgcgct	acccaactgg	ttaaagccaa	tgtgatcttt	tatggngaaa	480
ctcctaagan	acangtggtt	ttgctgnaaa	cttgncanac	ccttaattat	agncggtgct	540
aatgagccta	ctgcaatata	aagccaccat	tnntttttat	caaacatctg	aattcatttt	600
acaaaggcta	ttgttagggc	attattttga	gcatctattt	tgaggtgatg	ttnanaaaaa	660
tttaacntca	aatcaaattg	aaaattaatn	taaatatatt	gncttaagga	ccttctaaag	720
aatgtgccac	cagactttta	tggatagttg	cnannatcct	tgntaanaa	caaaaaagtt	780
gcttaaacad	ttctttttaca	aganggnntt	tt			812

<210> 4919

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4919

ttctaattgcn	aggttctagt	nctgttgaan	ncccngetat	tngattcggc	acgaggncct	60
ggctactggg	gaggctgatg	cccaganaanc	atgttggccc	aggagtnaag	gctgcagtga	120
gctttgnttg	cacngntgcn	annncatnct	ggccngccca	nngngncccn	gccacaccan	180
aaattatgtn	ctnagtntan	nngentcnga	aggcctantc	tcgnaccaga	gttnctctta	240
ctggattatt	tttagattgt	tattaacatt	nctggtctnt	anctttactc	agtctggatn	300


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agaaaaagaa taccatgcaa ttgttaacta ttngatgttt actagattaa ctattaatat 360
attgttgttg tccatattta agagttactt tgttncataga gatttcatta tagtggnngnt 420
taatatantt ttgggtatatt ttaactaaaa atcattgcta tccttcaact gtagattcta 480
ctatgaaatg aggaaaaaatc agcaatagaa ttaattgggt tcaaagtata taaataatga 540
tgtgggaaag ggaagtcnga gggatatctct ggaagaactg atttatctga aggtataact 600
gngtgaaaga acctaagatt gtngacanag catgcttnat gcaattntgc tgggtccatag 660
tagtantaga ggctctataa aatgtgttgg ggtgtttttg ncttttaang agacnagtgt 720
ctcgtntat tggcccagga gtttcaaacc tgnagtgcc cngtggnntn ncacctgtga 780
nt 782

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<210> 4920

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 4920

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agggnnccnn tgttctctcc tnaactcnnn nntgncagcc ttnntgcct accagaaggg 60
gtngggccgc gctgacggcc cagntggcgn tttntctcca ttgtgtatat gtacatagnn 120
tnnatcacta gattgnacnc tcctcanggg cacgaaccgc aacatntatg cngtgcctgc 180
ancncctaat gtgaanngcc tggcacactg gtagcgtgca tcatgaccn tngaattgngn 240
gagtaacnac ctgccnnanc acgatgnnat gcngttcacn tcccctgtgn acnnncncgc 300
gnngcaantc ctgccatang agggcgngat tccaacncgn gggnnnactg gcncanctgg 360
gttgnaccat atcatccac atccnnacca ctngctaacc canntcact gnagattacc 420
tgtcagagac ctgcgttcgc tatctaatat tcgngctgag gntcctagga anatctggaa 480
ntggggaaga ttatggagaa aatgaaaang gaaattcggg gagggngggt ngcagtataa 540
agccctgtgg gggaaaacat attttagctc ttacttggtg aaaagggtna ncagaacctc 600
tggtttcttt accaangtcc nctggntngg nccatttctt ccaattggat gaacnacccc 660
tttgggtttt tannctcctt tnetcaattt tggggaattc cccnntcnaa tnggctttac 720
natngaantc tgggnanctt naanangtcc taaatanaan ttncctgggg naatntggta 780
c 781

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<210> 4921

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 4921

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cacgagggtc gccagaaact cattgaagng gacgatgaac gcaaacttcg tactttctat 60
gagaagcgta tggccacaga agtnngctgct gacgctctgg gtgaagaatg gaagggttat 120
gtgggtccgaa tcagtgggtg gaacgacaaa caagggttcc ccatgaagca ggggtgntng 180
acccatggcc gtgtccgcct gntactgagt aangggcatt cctgttacag accaaggana 240
actggagaaa gaaagagaaa atcagntcgt ggttgcatg tggatgcaaa tctgancgtt 300
ntcaacttgg ntattgtaaa aaaaggagag aaggatattc ctggactgac tgatactaca 360
gtgcctnnnc gcctgggccc caaaagagct agcagaatcc gcaaactttt caatntctct 420
aangaagatg agtccgnca agtatgttg aagaaagccc ttnataaaga angtaagaaa 480
cctatgacca taagccncaa nattcagccg tnttgntact tncacgtgtc ctgcatcaca 540

```

aaccngcggc	gtatttgctc	tagaaagaag	cancgttccc	tngaaaaaan	tnnnngaaga	600
aggcntggan	gaatattgct	anaacttntt	nggctaagag	naatngaaan	gatgcctaaa	660
nggaanaagc	nccaaggaan	caaaattggt	naaagnagac	nncnnacntt	ttcctnttgt	720
ngcnaagcnn						730

<210> 4922

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (675)

<223> n = A,T,C or G

<400> 4922

gngngnnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagngnntt	ttntnatata	60
gctcttggtc	tttttgcagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tntnnccgnt	tccgngtnnt	cnnttgcagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	gnnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngccttg	ancggggtcn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4923

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (675)

<223> n = A,T,C or G

<400> 4923

gngngnnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagngnntt	ttntnatata	60
gctcttggtc	tttttgcagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tntnnccgnt	tccgngtnnt	cnnttgcagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	gnnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngccttg	ancggggtcn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4924

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4924

cgggnnnnnt	ncntttcntc	ctaangaaac	ncttntgant	ggcntggeta	cttggtcttt	60
ttgcaggcac	ccatcgattc	gattcaaggc	ctctcgagcc	tctttaacta	tagtgagtcg	120
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	180
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttgaacc	240
attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	gtttcagggt	300
cagggggagg	tgtgggaggt	tttttaattc	gcggccgcgg	cgccaatgca	ttgggcccgg	360
taccagctt	ttgttccctt	tagtgagggt	taattgcgcg	cttggcgtaa	tcattggtcat	420
agctgtttcc	tgtgtgaaat	tggtatccgc	tcacaattcc	acacaacata	cgagccggga	480
gcataaagtg	taaagcctgg	ggtgccta	gagtgagcta	actcacatta	attgcgttgc	540
gctcactgcc	cgctttccag	tcgggaaacc	tgctcgtgcca	gctgcattaa	tgaatcggcc	600
aacgcgcggg	gagaggcgg	tttgcgatt	gggcgctctt	ccgcttcctc	gctcactgac	660
tcgctgcgct	cggtcgctcg	gctgcgcgag	cggtatcagc	tcactcaaan	gcggtaatac	720
ggnatncac	agatcanggg	gataacgcag				750

<210> 4925

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1302)

<223> n = A,T,C or G

<400> 4925

gnccggcgcc	agtgcngtac	ccanagcaga	acgacccgta	aaaccccttg	ggaangnccg	60
ggacgggncn	cnngngccgn	ncncacnccg	cncncnnnac	acccentttt	nccccatttt	120
tancaaccann	atngncnnan	cangggggng	nannacngng	naaaaccng	gngagncccc	180
nnccgcnngg	ganncanang	ngcngnnaag	naaccngng	cnncaancan	ccngngcgng	240
cccacanaca	cnggccanaa	gananaacga	agcgnacgcg	gncgaagnccg	ggngnacagn	300
aanaaacnnn	cngcacngcg	naaaangccg	cncaacanna	gcnaaggng	aacngacac	360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnngcca	naangcggca	canacgncnc	ggggnnnnncn	anccgngncc	canangnnna	480
gacnnggna	caccnnccca	ccccnangcc	nagannnnan	aannccnagn	naccnagac	540
annacnnnnn	gannnccnnn	cnanccgagg	nacannnnng	nanngnngac	ccnnnnctnn	600
nnngccnana	nannccnnac	ancnccccca	nccncccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gcccancnaa	nncaacacna	agnnnaccan	720
acngcncnnc	gnacnaaaacn	ncacgcncgc	ggagcccga	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgnccnnn	cgcgcgnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggnangng	cacgaancaa	cggccannng	nnganngagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacgngcga	cgcgcgcgga	ancncacnan	cncngnnggn	canncnngac	1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanagnn	gncgcaanng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanacg	aagnaanaac	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnaa	gnanccanc	gcncnngcan	cagngcacaa	naanncggn	nccccgcga	1260
aaacngcnac	agnncgcaac	gnangncncn	acgccanacg	cc		1302

<210> 4926
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4926

tgnnggnnta	gacagctct	tntctttntg	caggatccct	cgattcgaat	tcggcacgag	60
gctatttgtg	ttttgttgca	ctgttntttt	tgtttgtttg	tttgtttatt	tggttggctt	120
tttgagagg	gaaatggggg	tgaaatattn	ctttattgnt	gaatcatttt	gtgaatgtcc	180
ccctcaaaaa	aagctaattg	aataatttggc	ataaagggca	ttngntgggt	ctatttttgt	240
ttgaggggna	ttntcagaaa	atcccttttc	tctcttacgc	ctaactgact	ngggaacccat	300
tgangatntn	cntagcnttg	gaataactga	cattatntac	tctnacnaat	aacacattaa	360
gcnagaatna	ccaatnttcc	nanaatnngc	ncttgatcac	aaaatgtgan	nnacctntna	420
atgtnntana	ctttatcaaa	ttnagtnnta	ttttcccttc	cnaaatgtcn	ccctttcccn	480
ggcatttntc	tcnttaaaaa	tattggtntn	ttccctgaca	taccnatttc	catngttcaa	540
cagctttgtg	nccnnagnta	taanaanttt	ttgnanccct	ggananattt	tcaatnncgc	600
cnatnangta	nccnttcnan	cantgttngn	gnaaaacccc	cntngcaagc	ccntaaaaan	660
gttaagcctt	anttgntctt	aattncnctt	tnnnngcntn	actaanncn	catnttcnna	720
nttccttnaa	aaatcntntt	nggagcccn	cccttntntt	tacctttgna	ntnnnnccca	780
aacttcanng	nttatccaat	nctgntttnn	ccnaaacn			818

<210> 4927
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4927

atcagntctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gggtgactgt	60
ggagggcgag	ctgagccctg	gccgccgtca	caatgggccg	ngagtgtggg	aatctgacgc	120
ggatgcggca	tgtgatcagc	tacagcttgt	caccgtcgag	cagcgcgcct	atnccacgtn	180
ttcactaaag	gaatcccca	tgttctgcgc	cgcattcggg	agtctttctt	tcgcgtgggtg	240
ccgcagtttg	tagtgtttta	tcttatctac	acatggggga	ctgaagagtt	cnagagatcc	300
aagaggaaga	atncagctgc	ctatgaaaat	gacaaatgag	caacgcatcc	gnatgacggt	360
tcctgtctc	tgaaagacct	ttctctggaa	gaggagtctg	cattgtntgt	ctcaaagaca	420
caataaactt	cctatggtct	gcanaacaca	nnatntntta	aaaattttaa	aattanctgg	480
gcatggtggc	aggtgcctgt	attccactac	tcanganct	nangccgaaa	tcnntagaac	540
ccnggacgtt	gaagtttcag	tnagctgant	cnttccactg	gacttnaanc	tgancnnnng	600
antgtnactc	catcccaaat	tnnaaanang	tgggantatt	acttntcntg	aaacntgcgc	660
ctntangcca	attcttaann	nnttangtgg	naagaacatt	tancccgna	tttnaggttn	720
nntnacnatg	ctgngggggn	nn				742

<210> 4928
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4928
 aaccgggtgg gccctttttt tgaaaggntt tttttanccc ttngttnnnn cnnnctaaat 60
 annngggnntn catcgntcgc ctanngccng ntntgggang cnatgntata cttgggtacc 120
 ttcctatgnt ccttctcaca gcaaaactnn gggactgac atttgaagtc acccctctgt 180
 gtcttcttgt gaaatggctt gggcgtctct gggctctgac ttgctcatct gggaagagat 240
 ggggtanagg gagttggatt ataaatcatg cttcactcag tcaacagaat gctactcagg 300
 cactaaaaat gatggcgtag ccctacgtat tctgacatgg gaagatggcc acaatatctt 360
 attatgtgga aaaaactagt tgcataggat ttatggnttg attacatttt agtaaaataa 420
 attcatttat ggtggtatat gcaaagaaaa aataatgccg ggcgcantgg ctcacgcctg 480
 taatcccagc actttgggag gctgangcag gtggatcact tgaggccagg aggttgagac 540
 cagcctggcc aacatggtaa aacccccatt ccattaanaa taaaaaaaat tagcaccaag 600
 cgttggtggg cacngtgcct gtagtcccag cttactcagg aggctgagat gggagacttg 660
 cttgaacctg gaaaggtgga ngttgcggtg gagcccaaga tcacgccact gcacttcggc 720
 ctngggctac agnccagact ctgtcntcaa aaaaaaann 760

<210> 4929
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4929
 gnngaggnan natttnnaga nagcnnnnngn aangtttggg gtnaagagnc attnaaacnc 60
 ttggcnnnag gnatcccaan gtngcnaatt nggcacgagg ttgtnttgga aacagtcgtg 120
 nggangaatt gcgagagaac ctaaaacggga tctnctgtgg nttgctctgg atganatnga 180
 nttggctaen ggtagaggaa catttccctg ggatatttnn gcccttgata ttcatacaaga 240
 tntanactgg aatnctaacg cncctaccct gaatgtctgg cctntgnata tctgtgatga 300
 tngtgcggac atatttcanc gggatanaac agncgaatta atggaattga cagatgagca 360
 aagaaatgaa ctgatgaaaa aagaaagcag tcgactccag aagactggac atcgtgtanc 420
 atactcacct cgtaaagaga aagcactaaa aatatactct gatggagcac caantaanga 480
 tctgtctcaa gactgactct gatagttgta gcanttttcc cttgggggga agttnnnngt 540
 ttttnaanaa ggatgggttc cactaccac ttgggggaang ttgccattt tcnnnccggn 600
 accaatgnngn nngnngggtn aaccncagg ngaacnaacc antcgccttg gaatgggnna 660
 cctngnnncc ttanccaanc tcttcnagaa agggcnttcn agtgggcccc caaanagggg 720
 ncccanntgg gtcccatnga acttggggaa atccannngn tttganncca cccaatnagn 780
 gncaanaaat ggtcccnggg aaaaatntgg tcaataaggg ggattgaggc cntanatcaa 840
 ntttncctng gcnncccaac cntaaaaaaa ggcttnnccg ngatccc 887

<210> 4930
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4930

tcnccccnt	ttgaannccc	ttntnttaat	nnncatanag	ctacttggtc	tttttgcagg	60
gatcccatcg	attcgaattc	ggcacgaggc	tccctatgat	gcctgctgga	atgcctgtcg	120
aggagacagg	tgggaagact	tgtccagatc	acaggtgcgc	tgctatgtcc	acatcatgaa	180
agaggggctc	tgctctcgag	tgagcacact	gggactctac	atggaagcaa	acagacaggt	240
gccccaaattg	ctgtctgctc	tctgtccaga	agaaccacca	gtccattcgt	cagcccagat	300
tgcagcaaac	acctggttgg	agttgacagc	ctcattgggc	cagagacaca	gattggagag	360
aagtcatcca	ttaagcgtc	agtcattggc	tcctcctgtc	tcataaaaga	tagagtgact	420
attaccaatt	gcctttctcat	gaactcagtc	actgtggagg	aaggaagcaa	tatccaaggc	480
agtgtcatct	gcaacaatgc	tgtgatcgag	aagggtgcag	acatcaagga	ctgcttgatt	540
ggaaagtggc	cagaggattg	aagccaaagc	taaacgagtg	aatgaggtga	tcgtggggaa	600
tgaccanctc	atggagatct	gagttctgag	caagtcagac	tccttncttt	tggcctncaa	660
agccacagat	gttggggccg	cccacctgtt	taactctgta	tttatttncc	aataaagaag	720
gctttcaaan	gcatgcttgg	anacttgtgg	agcagtccaa	acttcatgtc	aggtgggctt	780
ccagtggtaca	caaaaaaaaa	aaaa				804

<210> 4931

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4931

gnagnagnan	natttnnaga	nagcnnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnnncag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaa	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgccggac	atattttcanc	gggatanaac	agnccaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tctgtctcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnnngt	540
ttttnaanaa	ggatgggttc	cactacccac	ttggggaang	ttgccattt	tcnnnccggn	600
accaatgngn	nnngggggn	aaccncagg	ngaacnaacc	antcgccttg	gaatgggnna	660
cctngnnncc	ttancaancc	tcttcnagaa	agggcnttcn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggccccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	genncccaac	cntaaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4932

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 4932

nnnnnnnann	nnnnnnngnn	nnnnnnnnnn	nnnnnnnnnn	nnnccnnnna	nnnnnnnanna	60
gttgaacgca	ngaaagccgt	ggnaaggcgg	gaaccaaccg	aancngggaa	nggcnataac	120

aannagnnga	tgtgnccagn	nctctgnatc	tnngacttng	atgctanata	catcatgnca	180
tnngnngctn	ctaagggaat	aagccataga	ggctncncca	ggtagaaaag	aacagtaaag	240
nacctggaaa	accaacattn	nngaattgnat	ggacactgga	catgagatat	gnacaatgaa	300
ancttaaaaag	aatctaagaa	tnngccctct	ttgccccact	ccaccagna	atnagacatt	360
actagnngcca	tgtataggac	ccaactgagt	attagaatca	gnnnngacta	tgncnnngna	420
tngcctaaat	ctgttaatgc	ataaaccgaa	tnaggggtcca	gnnggcctgt	naatggtaaa	480
nttacctnan	aaatgactca	gcnnngagnat	ncngggcgag	tnngcaatgn	gataatcaga	540
tngggnaaaa	ctgatnaatn	ngcaaaactng	agnggngna	cncacagacn	aaagnangaa	600
ccacagnnaa	ctagggggac	caggnggnaa	ngggaaaaca	cncacaagng	annnnnggnnn	660
ngggnaaagg	ngggnnngaan	gganggaaaa	ngngnnnnnag	gagggaagca	aaacnnaaan	720
gggncnggaa	ccaaagccng	nncgnaaagn	aaaannnnng	gcnggaagaa	ggggngngna	780
accgcaaacc	anngccnagg	gggnnnnc				807

<210> 4933

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (925)

<223> n = A,T,C or G

<400> 4933

cgngctttaa	ctnttnaaac	cctttgcact	tnncctttnt	gcaggatccc	atccgantcg	60
aattcngcac	gagagaggt	ggggtctggc	cacataggtt	ttntngnggc	tctggntctgg	120
ggntagacac	tgacaggac	tagnattnat	tggaacttgc	aagacagtcc	ctcanattna	180
gcaactnctt	gcntnntatg	gtngcatta	tgaagccanc	ntagnngnnng	taaaantanag	240
ccctncatct	ntnctgngna	gccccntcac	tggtctngat	gtcatcatcc	aaaatctgca	300
nantctgnca	caangancca	tgantactta	annaaaggga	anntctngaa	cnggntagca	360
agatcnaanc	atancttgct	gngctnccan	ggnacncnan	cctnanncnc	tgncnannng	420
cnatatanac	ggtcangggg	ctttgatcca	ngaactctnn	tgtactatga	tnananncca	480
caantntggn	aaacctncat	gtancctnna	nagttgnnnn	tgngcanaat	cgtntctcacc	540
aanantnntc	ccnccganna	actctaactt	ntnattnann	nctaccngtn	antnttnnaa	600
tgtnnacaac	nnctnnannn	ccntccnnat	tctaaggaaa	angnntctac	ccctantana	660
tagnntcagc	atccactana	cnctntgtct	ngcctccgat	cccactngcn	cgcncntgt	720
ntnnngactg	ccccctngn	ncttntctct	gananattct	tnngatacta	cccaaattatt	780
ntgggnnanc	tactgcacat	ctnntcannt	nnnncgcatt	tcatnatnta	tantcancnn	840
nncaatnctn	cnngctnctn	cttacnaana	ntnncnctc	gcggcggggc	gnnncnctan	900
tannncngnn	ncannnaaag	nngcg				925

<210> 4934

<211> 1025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1025)

<223> n = A,T,C or G

<400> 4934

gtnttcattn	acttttntaa	tnnnntggga	ntctctgaan	gacncnatng	antngnnttc	60
ggcacgagta	ctgctccttc	attcccaagt	aagaaangnc	aggntctgct	acttccaaaa	120
ctcagnacag	acttgaaggt	gaantgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgacatctgn	cattaagctc	tccaaacata	aagctgaatc	tnactagccc	taaaaggggt	240

cagaatagat	aagaaagggtg	ganagaagtt	gtncnaaggn	catagaaatn	gtctgntcca	300
gcctcantgg	tgtcnaggat	aatggcgang	aggaggatgc	ancattcact	tgcaatacca	360
ngatgtttac	tggancccat	anttnatgtn	ggattnanac	naataangat	aangaaatgg	420
gcnaangaag	aattggatnc	ancaattana	gggggtcggn	ncaatgnaan	tcatacnang	480
cantattgct	aattttcaaa	cnttaattnc	aatgcaaca	ttcatntnct	aggatncctg	540
gntttnnngt	aaacttnggt	aanaaaacttt	nggattttcc	tnaanannan	ttcaatnntt	600
catnatanca	tcccnttngn	acnaggntac	tcctaanaat	ncnaatttnn	attgcnctaa	660
accnttntnc	tcaantctng	gggannttaa	tgggnntcnc	cntatantag	tnatntgaat	720
ttttctaaga	tcacanaaaa	aaatgggccca	tttgtctcac	atntatatgg	nggatggcct	780
ctccttaaaa	cntccttnnt	ggggtanaat	acctttttnnc	ncacaangng	cttacatcnc	840
taantcntct	nttggtatat	actnatacac	agtatttnct	ctaanancn	nccgngnttc	900
taacattntc	naaannnctc	tttaaaaatt	ctntgnanaa	aattcgtngn	ctcncnntat	960
catcncnant	tnataatnct	ngtantnatt	ctnttcannn	acaaaatagc	cctcncgntn	1020
gntcc						1025

<210> 4935

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4935

antgangnnn	ntttcnnaga	gncagctctt	gttcttttttg	cagggatccc	atcgattcgc	60
tgaaatgact	tccttaggga	tagagctaag	ggataataac	ttgcactaaa	tacattttaa	120
tacttgattc	catgagtcag	tttattgtag	tttttgattt	ctgtaaaata	agagaaactt	180
ttgtatttat	tattgaataa	gtgaatgaag	ctatttttaa	ataaagttag	aagaaagcca	240
agctgctgct	gttacctgca	gaactaacia	acctgttac	tttgtacaga	tatgtaaata	300
ttttgagaaa	aaatacagta	taaaaatagt	tattgaccaa	atgctaccag	gctctgcagc	360
agctcggggg	cttataaaat	gttcataagg	atgttacaat	ataattttgt	gttataaaat	420
atgccattat	aattatgtaa	taaccaaaat	ttcaacctag	agtgttgggg	gttttttgga	480
aaccgcagtc	tattagtact	caatgggtttt	atacacctta	cttctgacag	agcggggcgt	540
atgctacgac	tacaactttt	atagctgttt	tggttaattta	aactaatttt	ttcatattat	600
attggtgcat	ccctacttct	tcagtcagggt	ttttttgtgc	ttacaatttg	tgataactgt	660
gaataactgc	ttaaaaattc	accctaatgg	gangctgaat	tttttcttca	gccaaaagta	720
agttttgatt	aggaactttg	gttcaaccen				750

<210> 4936

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1500)

<223> n = A,T,C or G

<400> 4936

cgcccttgct	caaaacggcc	ttngncccca	aatcagtctt	ggaaaancct	caaatnctct	60
ctanacagaa	tnngggctng	gggnanncnn	cnttnncatg	gnncggnttt	atctcnactc	120
nttttttatg	aggctctttt	tttcnatctc	tanganncct	tctaacnggn	antanncaact	180
cncggggngn	anctcnnttc	gngggggntn	nactaantca	annntgnnnn	tctatanatn	240
tttanntnct	nnacatncca	ctcntntant	cctctgnnna	tnccnaacat	nnatacnent	300


```

caccnnttta cnetanencn cannacanat ctatctnate actcngnnnn cnnnaantcg      360
gccacataat catnctnctc acnnntacta ntncntcatt ctenacnntc tctnttctnt      420
acnatantnt ntanctectn tttctentnt tectctncnc ncantttctet ancnctgect      480
aatanactta ctnnntctcc tenntncaca agtcngtacn tccgtctccc tntnnatnac      540
anactatntn ctentatnnn acannncttn catatnnntnn natnttnnac cnntncantc      600
nnttacntnt cectnncant agntctantc tntactntta ctctnnntnat ctntctnttc      660
anctantntt cacanttcan ntectatntt ngncntctn attcanntcn tcttatntcn      720
gnacantctn acncannntc tccnnctnn tntcatanct ctntnnacnt ntaacctact      780
antcttnnac tctcgtntta cctactcnnc ctntantgnt actntacctc ctantaatct      840
atnctctctn gntntnnnac ctcacnactn ctctatacnn ncgatnanag ntntnacaat      900
ntctcgttag ttanangtnn cgcgncctac cnnnataccn ntntncnttn anactactct      960
ctctctctaa ncncctctgt cntatactat actcnatcna tatgttnatn catntctctc     1020
ncnntnannc gtngttntnt accctctntn tatctntncn ncngntcaac nnncttntna     1080
catnncttn acncatatnn atncegntaa tctacatncn gctctnctct ntncctcaca     1140
tacgtctcnc nnantcatct tctnatattn aatgacacnt atntcatntt acgtntnttg     1200
ntantttaat ccttttccat aatctactct cttatnctan nngctctcnn cnatanctat     1260
nctcnatatn ntaactctcn nnnncaactac ngatcctaatt gtntntctn ncnntnangt     1320
atatctanaa tnnanntctt ttncnataaa ctnnangcct ctctaantcg acagtctnct     1380
ctanatanta nganaccaan atccatacct ntnttctttt anatactntc nattgactaa     1440
ctncttntta taantacgta tenatnccan atatcttgcg tctctntttc ncnccccgc     1500

```

<210> 4937

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4937

```

ttgtanctaa tgctgggtgg tegtcttttc tccangaccn agcgnttcga attcggcacg      60
aggggaaggt ctggctccag cttgagccca ctcacaggat gtcaggggga agtgtgacta     120
aggtcacggc cagccacgt ggtgggccag ctggatccag agcaggggcc gttgtggcca     180
cacatcctga gtttccatgg tctaattgcan tgggcttgaa aaaaaagggg ggatgcagga     240
tgctggctgg gactgtggag tgcgtgggca gtaagtctta agtgacagtg ggtggagatt     300
acagcatttc atctgctttt cctttgacac cttttaaaga tacaaccac agttttcaag     360
ggtttatgcc aatgtctgct agagggatct tgcagtagat cttaaaccct atagtattct     420
taagagcaca aggaaattct tatttgggtt ccatttaca caaaggtgga aatttaaac     480
taggcttgan atttgaaatg ctggtcacat ttaancantt tatttngggg gggtaatttt     540
ttggaaatcn gtctttaant nanttttaaa nanngttttt ccncattttt naaaaagggg     600
ntacctttnc antttngntc ctttcaannt tttnnntttt ggnnaaaaaa tnttnnnngn     660
ttnaaatgga atgtttttta ccagggnntt ggggnntttt naaaantttt nnaanggggn     720
ntatntntgg gnncttntn naattccagn ttntnccan nnttngaant tttnccccct     780
tnntngggna aaaanggna ttgntttttt tn                                     812

```

<210> 4938

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4938

ttgaaacccct	ttgaaacctt	tttgcaanct	acttgttctt	tttgcaggat	cccatcgatt	60
cgcaaatacc	taatgcatgt	ggggcttaaa	acctagatga	cgggtagata	agtgcagcaa	120
accaccatgg	cacatgtata	ccagaaactt	cacattctgt	tcatgtatcc	cagaatttaa	180
agtaaaattt	aaaaaaagaa	acgtactgga	aaatctgaat	agaccctctg	ctggaagcat	240
tatgaaaagt	aaataaatgg	atatactgca	tcatcctcag	aaaaaataaa	aaagaaagaa	300
aatgcctgcc	cccttctgcc	cacaaaacag	attaagcagg	ggctcattgt	tgggtgtcaga	360
agagttgagt	gtaatacact	gatggtatgc	acttgatttt	agaaatatct	tactgggtgac	420
atttctgaaa	atttgccaac	tcataatttt	aagaatttca	aaatgtaagt	ttttatttaa	480
ttgcatattga	attctactaa	ttgcatgtaa	ttttttatta	ctaattcaga	actaagaata	540
taggccttaa	attcctccta	aattaatgtg	aggcattttt	cctaattcat	tgtcacgaat	600
tattatgaan	gtcatctgct	gtattacagc	agtccatact	cgattgttcc	ttctgtgtct	660
tcagataggt	tctttttctt	ttcctgtgag	tatgtaaaac	agcaaaccac	gtagatgggc	720
ttattttggg	acatccatac	ngaggaattt	tatgggctta	ttaaaggat	gcttacagga	780
gat						783

<210> 4939

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1150)

<223> n = A,T,C or G

<400> 4939

tnccgttnnn	attnnntgtg	aaccencttct	tcncacctnc	ctggntgnga	atnctgcacg	60
agaggcattg	netgccttcg	gctttatttc	tgtctgactan	ntatctccta	ttmagagcta	120
cggcaatgcc	caaaagaaag	gctgcaggtc	aagggtgat	gaggcatnga	gccaaagaga	180
agatctgcca	gggtgtctgc	tatgcttgtg	ccagttncac	cagaagtga	gcctnaaaag	240
aacatcaagt	tcnaggaaaa	tgaagacnaa	nagtgatntg	atggaagaaa	acatagattc	300
nagtgcccaa	gccagttgct	gaaacccaag	cnagaagcaa	gttgttgaag	aagactacna	360
tgaaaaatgc	taaaaaatng	gagaaagccc	naaatttcna	gangcnccca	gctttcttga	420
aaaaaagaaa	ttgttgggaa	nntttaaaag	gaatgaanaa	ttatttgaac	gattgcccc	480
nannaanaag	ggggtnggga	tgaattagga	annggaaanc	ccgttnncca	tgcnegcga	540
ntttnaaana	natnggtatc	naacgaattg	cattctcnaa	nnggaaagtt	ttgcantnan	600
annattcnnt	anaccgnaaa	tnatcaaang	gggnnnngaaa	gcccttttgg	aannaatgta	660
tgngtccctt	ntnggnttgn	aaaaaaaaan	ggngggggga	aatagtaaag	tnnttngngt	720
aaaatangnt	aggggatttn	tcaacnaatt	tnnggganan	anattggnag	ggnaaanaa	780
ggngcncnna	taactaaatt	gcccnanta	tggtnaanct	tanntnntgt	nntngnatan	840
ngnggggnac	nntatattta	aaanggggcg	tgcnanatt	gaaccngggg	gtanaaaata	900
tggggnaaaa	aatttggggg	aatataaann	tantttgngt	atanaanac	nnttnntnan	960
anaggggggt	cttatanggg	attnngatat	caatnntatt	natggtgcaa	tgtntaanan	1020
cacnctcggn	aaaaatcggg	ttaaanaccn	nagggtcattg	anatntngtg	gnannatnca	1080
gntggttaaa	tttngtanat	atattttggg	ngtaaanng	tcttgcttaa	atngggnta	1140
ggtcatttcc						1150

<210> 4940

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (991)

<223> n = A,T,C or G

<400> 4940

```

ggnnngccgn nancnggacc ntcancgatn tnnacnnttt gnnnaaccccc cccccgagcg      60
cgggcggnga gcnnngtgata ttngannag atggaaacan ctcnagttgn ngccttttnt      120
gtcaccnnag tgcgaggggg ngnatnggt nnaananacn tcnctnccan gncctnctnt      180
anancaccca tctaaancac aaaattcttg aagnggccgn tcagtnnngg canaccgggc      240
ctccnagnta tgtataccct gtctgttct atnggggatnt ntntcccatg tgagatatan      300
gatgcgtgcn atncgtaaaa ggnggtgcna gtgctncttg tnaggncccc acacattang      360
cgcttantcc nttaattagn ganccttgcn tcangggaaa ngggcttttc tatngaattg      420
ggaataanat aatgggntan nncctttttt naanctcccg agctcnanta angntgctta      480
atggngcanc tacaatnctc cganacttcc aatgtgggtt gtcnatannc nacccttnna      540
ttgncggggg ggtccaaaag aantgcaaat tctacctct tgggcccatc caaangaccc      600
ctttcaacca tgnctctttt tcgnncgggg agagaaacna tnnccngggg ggtnaaaagg      660
cctccccccc cntntntttt caccccaana gggggnaata nanangttct anctcctat      720
nccttttcca agcctatttn ngttnggggn gggngttngc nntntctcca atangcccc      780
aaagnatttt catttgttta ananttccc nacttccctt gattttttaa aanataaaaa      840
tgttcctnnt aagangaaag ggngnantt nntaaacnaa agcnnnaaga aagnagaaan      900
ncctttttag aantttnta nactnttenc aaatgnngan antacctnat tcggggntgg      960
tnnctnntna tnttggttac gantggctgg c      991

```

<210> 4941

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1075)

<223> n = A,T,C or G

<400> 4941

```

cnnncttcnc ctcnntgaac cnntttgnaa accncccntn atgcaggatc ccatcgattc      60
gaattcggca cgagggtgc tggagctggc aaggtcacca ntttttgccc agaaagctca      120
gaaggctaaa tgaatattat ccctaatacc tgccacccca ctcttaatca gtggtggaag      180
aacggtctca gaactggntn gtttcaatng gccatttaag tntagtagta aangactggg      240
ttaatgataa caatgcatcg taaaaccttc agaaggaaag ganaaatgtt tggnggacca      300
ctnnggtttt cttnnntgcy tgtgggcanc tataaaggga ttagtnnnca aaaatcagta      360
cctttttaat gggaaaacaa cttgacccaa aaaattttgn tccacaagaa aattttggag      420
gaccccattn aanaangagn ttaaaatnga ggaaaaanaa aaaacgngcn tnagagaaaa      480
cttcggagg cccctcttaa gaacctaat aggtggaggga tccgnaattt naccggncgg      540
gaatccccaa gaaccaatgg gaataaangg gattaccnt ttnggattgg aagccttttg      600
gggacccaaa aacccaacca aaccttaagg naaatggnc anntnggaaa naaaaaaaaa      660
tggcccntnc aaatttnggg gnggnaaaaa ttangngngg aatngcctaa tngggccttt      720
gaaatnnnnn gggnaacccc anttnattaa aggcncgggc aaagttnaaa cccaaggntt      780
nngacccaaa ccaancccaa attgggcaat ttcnatntn nnaaangnt nctccanggg      840
gnttccaacg gggcgnaaan gnnnnncnnc nnacnnnnnt nnnncaannn acnnncnncg      900
nnnctnnta cannantnan aannntnnn ncnncnnnn cncnccanna ncnncnnnnn      960
nnncanacnc ganannncnc nnnnncgnan annannccn nnannnancn ncatctnann      1020
nacncaanna nnananannn nnnnnnannc nnannncnnn nnncnnncgn cnacc      1075

```

<210> 4942

<211> 741

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 4942

tnnttcctta	cnaccagcta	ctgntctttt	tgcaggatcc	ctcgattcgg	aaatatagag	60
agatgtggga	tttgaatgcc	catgaaagac	attttatatt	acttgaatat	attcttgctt	120
cacttttacc	tccataatat	gttgtagatt	agtgtctgac	aagtttacag	agttacattt	180
tgttttccta	accattcagt	caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	240
gctcatagt	gatataaatt	agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	300
tacttgatata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	attttcatat	360
aaacagtatt	tttaattctat	gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	420
tccttagttt	attagtactg	tacttcaaaa	agatttttaa	ataggtccgg	cacggtggct	480
catgcctgta	atcccagcac	tttgggaggg	tgangcgggc	gaatcacctg	aggtcaggag	540
ttcgagatca	gcctggccaa	catggtgaaa	ccctgtctca	actaaaaata	taaaaattag	600
ccgggcgtgg	tggcangcgc	ctgtaattcc	cagctactcg	gggaggctga	ggcnngagaa	660
tcactttgaa	cccanggggc	agaaagctgc	agttagccan	aatcgctca	ttgcactcca	720
ncctanggga	cangagcgcg	n				741

<210> 4943
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4943

annnnnnanng	nntnnnnnng	nannnnncan	nchnnnnnnn	naggnnnnnn	nnacnattcn	60
cccctttcct	aanagacttg	gnactcngc	nctntccgca	agnagnnnng	cgtnnecggt	120
tgngaggaaa	tccaaagctg	acccaaaacat	ggtccccacc	ttttggagct	tacagtctgt	180
actggggaac	agagattcag	ccaaaagtaa	gaaacactgg	atgccagcta	gattatctgt	240
tctgtgcttn	ggtgtctata	agtacatatg	nggatatggg	ttcattnnat	ccctaaactt	300
agtaccaaac	cagcatttaa	tatctaatta	taaatctaata	tnggcctaaa	ctttattatt	360
gcacactgcc	tgaacaaaac	ctatttgcct	ctatgtaaat	tttttctcca	tggacaaggg	420
gngngaaatg	aaaatattnt	aggatttatt	caaaaacaga	ctattctgnt	ntcagctnca	480
gaantgnacn	atgaatccta	aggaaccntc	tgccaacang	ttgaggtntg	ctgnnecgaaa	540
agaaagaana	aagaggcggn	aanntctcag	ggagaaaanta	nnnccnntnc	ttttctatnt	600
tcagcanacc	ntggaggggt	gggcgagaaan	caagaantgt	aaaggaggga	tcagaaaatg	660
gggaatnctt	nggcagctgt	nngaanatga	tgangaagaa	netcnnnant	ctcagttnc	720
cntnngnttc	cctatnaact	nttgataaaa	atnngggntt	nggccaccaa	aannacnnt	780
gcncncaaca	gcttcattgg	nccnnaatnn	tccaaccnct	gatcggnna	cnntcaaaag	840
gctannggan	ccgtnnecgt	tanaantngn	aaacnangcc	caccccc		887

<210> 4944
 <211> 1201
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1201)
 <223> n = A,T,C or G

<400> 4944

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nccccacnn cnnennacac nnanacnacn cacacanann nccnancnnn nnnncnancn      60
aaccnanaat ananaccnncn cacnccnnan ancanacann nacnnncncc anacnaanaa      120
aaaaanctnn cannnnnana nacaaaccnn ganaganagg ancnccttttn cnaanaaaan      180
acncgggnan nnnncnggaa angnannaca cgagagnnga nactngtnaa nagcccccttt      240
tgcnaaaaaac nccttngggc aaaancnccc gcctcannac cananagnnc atngnnncn      300
ntacnacgcc naancatccn aatgccntca gctannnnngn gggangnggg gaacccccaca      360
acanaacnan anannacncc nacctacnnc acnacannna acnngaccat cactccaacc      420
aggacaacnn caacaaacta cnnananccg acnaanatct nancacance ctctancaac      480
cannacacca acaccaacnc ctncatcnac anccccacaaa aggcacnaca ccncanaccc      540
catcaccatc acanccaaaa aaaatnnnnng ctcnaccac nccacaacnn ncagtnacat      600
cancggaaac cangattaca nnanngannn caaacancca tcgcnncncn ntacaacagc      660
gnnaannaca tccaaaccnn gaanccaaaa ncgacaacat nttatnccca acaanagggc      720
aacangaaca acccncgan angnganaan atanacngaa aaangcnata ntcenatcac      780
ccaannncan aaacacntnc tnncccngg nacannncca taaaacacat agccctnaaa      840
aacaacnnnc naaaacccag acnnnanccn caaaaccaa anactctcgc anaaactcta      900
ananatcnaa ccaannanac taanacnct canaaaaanag cctcnacgga ggaaaaaaan      960
aacacctann acaaaacanc accacnntgg annacaaaaa anctcnncna aggcncctcta      1020
canttaaaaa acccnnnac tncacacnncn cccacanaca canacncgca acctcanntn      1080
tcaaaantaaa atcnacacan acnanccact anccnnncaa nacnantngg angcaaancc      1140
cnaaacccnn tntntcnann nngncccccn aaccctcnca naaatncaa nacaancanc      1200
c                                                                1201

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<210> 4945

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4945

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cntttntttt tcttttcaac angctcttgn tcttttttgca ggatcccatc gattcggaatt      60
cggcacgagc ccagatgggg gtgtttttca ggtctctcac aaatgagaca agcgaaacaa      120
ttgtctcctt ttattctctt tgggtgcattg gtgctgggga aacatgaact agcggcagtg      180
taactgcaga acatagaccc agttctacca ggccaggcca gcactgggaa ccgccagaca      240
gggctgcttt gggcttttgc tacagtattt ccatgtgtag cctggcgtgt gagaaagtat      300
taggtgaaat gccagtttca tggttcaggt gaaagtctgt gatcattccc ctctgggctc      360
gtccttcaca tcacttttgc ccttcaagga gttgccgcgt ccccgctcag tgcccgctg      420
agccctcaga gctcccctgt gcttttcttg atggggactg gcggggtcac ctagcctcac      480
cgtggagcca ccgtgcaatg cccatctctg agaggccac gcagtattcc tcgtgccctg      540
tgtagtgcn ttctgtataa gggacagaca gaactgggtt ttttttctc tgccctgggtt      600
tagagttaaa tgtaactaac ttttattttt cccctttatg aaagatagaa aattattttt      660
atggtagttt tccaganctt tatacaaaaa ttttttggtt aaaatgttct ctgggaaaag      720
ttaactnca cgaatgtaaa atattgcctt ctaattaaaa taaccannn      769

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<210> 4946

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4946

cnttttnttt	tcttttcaac	angetcttgn	tcttttttgc	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aaatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gcactgggaa	ccgccagaca	240
gggctgcttt	gggctttgct	tacagtattt	ccatgtgtag	cctggcgtgt	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgcgt	ccccgctcag	tgcccgcctg	420
agccctcaga	gctccctctg	gcttttctgg	atggggactg	gcgggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccatctctg	agaggcccac	gcagtattcc	tcgtgccctg	540
tgtagtgcn	ttctgtataa	gggacagaca	gaactgggtt	ttttttcctc	tgctgggttt	600
tagagttaaa	tgtaactaac	ttttattttt	cccctttatg	aaagatagaa	aattattttt	660
atggtagttt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannnn		769

<210> 4947

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4947

ntttcaaadc	gcttggtac	ttgttctttc	tgcaggatcc	catgcgattc	gctactgagc	60
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tcccagctga	tgccacatga	agcagacaca	agctgtccct	actaagctct	gctcaagttg	180
gatattcatg	agtgaataaa	atgactgtta	ctaagtnaaa	aananaaaaa	aaaaactcga	240
gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	tacattgatg	300
agtttggtga	aaccacaact	agaatgcagt	gaaaaaaatg	ctttatttgt	gaaatttgng	360
atgctattgc	tttattttgt	accattataa	gctgcaataa	acaagttaac	aacaacaatt	420
gcattcattt	tatgtttcan	gttcaggggg	aggtgtggga	ggttttttta	ttcgcggccg	480
cngcgccaat	gcattgggcc	cggatcccag	cttttggtcc	cttttagtgag	ggttaattgc	540
gcgcttggtg	taatcatggt	catagctgtt	tctgtgtgtg	aattgggtatc	cgctcacaat	600
tncacacaac	atacganccg	ggagcataaa	gtgtaaagcc	tgggggtgcct	aatgagtgag	660
ctaactcaca	ttaattgcgt	tgcgcttact	gnccgctttt	cantcgggaa	acctgtngtg	720
ccanctgcat	taatgaan					738

<210> 4948

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4948

gncnnncctt	ttgnaaance	ccttttnnnn	aagnnccttn	cnccttttgc	aancgcttgg	60
gcaactcgca	ntctctcnan	acagcaagg	ctgtggcgaa	tncggcacgn	agccgccnnn	120
tctncannnn	ntgtcagggn	nnagnctgan	gctancnnct	ncnnantgcg	nnnnnnga	180

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cccanngac agcnnccnng cangcacgct nccncacnng acacaanctt taactaactg 240
cccnactncc aatgacgaaa acatntngga ntgactgccg aaantgcctt tccngatnta 300
accactagac natccatctg tatcacnngg ttnagccatc tttaacngatn taagntccac 360
tgaacggctg agaaacttgn anaacacant gnacncgnnn aagnctngaa cacaactggg 420
ccaaggaaaa ctaanagtgc natantgnaa cccanantgg catccacana aaggcncttt 480
aaacntgcan gctcatcgtc aaagaatnat ccanatncct ggacactggc nggacacnnn 540
catgtcnatc natgaacaac ctanaggcnt tgcctangaa ncgctgccta ccactnnnna 600
tgatangccg aacannaata tctantnccn tcnnnctata nnnntcnaag nantaaagna 660
ccnnntatn caagnnaann nannaancta gcacatgnnc tcanangaac ancaaattna 720
tacnnganaa tngtnccttn naaaacntcn ngggtanact tncncanntn nccanccct 780
aaaanntccc nnnnc 795

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<210> 4949

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4949

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ggcacgagcc ttccacggtt atttcacaga tatggagagc tggaagcagg gagtgagtct 120
ctgagtgttg gaattgtaag ggatcagaag cagggatcag aagcagtggg gaagtccatc 180
caccataaaa cacacaggtg actttgcctt gaatctgcag gactgaagcc aactcttggg 240
cacagaccct tagtcccttc cttggccact ctaagtcaga tagtccagag ccaggccctt 300
tgggatgtga caccgagata aatcagagaa aagctgtgaa gcttggggaa cagagggact 360
tttgggtgaag taggtggtct gcagtttcta tcttcttggg aaaagcaagc tggaaaagtg 420
aacagtgggtt ggtaggccat agtgctccca gctgggtgac ataatgacca cacagcacag 480
tgatgttatt agcaactgtg tgggtggagta gttgtgggct ggacaaatca atcgtgtgga 540
aattgttagg agttttatta cattaaactt gttaacctaa aataccatca aaaaaaaaaa 600
ntncnnannn nccnccacc nanentncna aaaaaancct cganccttta aaaacnnntn 660
gnngaggccn tatttacgtt anattccaga cnttgaatan ggatnccatt tgnattgaaa 720
ntttngggcc aaacccccaa ccttngaatt gccattngaa aaaaaaatgc cttttatttt 780
gnnt 784

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<210> 4950

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4950

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tttttctttt tcttttaata aagcctgcaa gttactaaat tgtagtttca taaattctgt 120
agtaaagtat catcttggca gtgtgccaaa ggtgaaaatg atgctttctc taacagagaa 180
attcttagtg actccagtcg tagaaaaacg tctttacaac ctgaataaga ttgaagaatt 240
gtgaacatac catggcctat tggatgaatc atttgccgta ggctaaatca gactgtaggg 300
tttgtgatgg atttatggag tatgtgggta tagaaatcat gaatctagca tttgttttca 360
gagattcaag catagtcnta agggtagatc agaaatgaca aatgaattca aaacctagca 420

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gggtgcattgt	aaatgtgtgc	ccagttatgt	tttggaatg	gcagttcctt	ggggtcattgt	480
ntctactggc	caaatttgca	atagtgttct	atngnatgta	atttctaaaa	tttatttagga	540
ttatccnctg	tggccaagta	aactgtctgc	caatagaatt	ctgggaattg	tgagaaattg	600
tatcattgaa	gttcagntnn	gatgngtgcc	ttaaaaaatt	tatcnnggac	cccanacan	660
ggaaacnana	antatttngn	tctctgcang	ttcattgcca	cgggcannga	aggtatttcc	720
cagaaaaata	cctcnnn					737

<210> 4951

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4951

ttgnanccnt	ttgaaaccct	ttttanantt	ctancatata	agctacttgt	ncttttttgc	60
ggatcccatc	gattcgaatt	cggcacgagg	gcnactntgn	agaattcgta	cngatganga	120
ctgcanaatg	aagacctact	ttcaacttnc	ttttgncccc	ctctagnaga	atcaaatnga	180
atcttttact	tacctctgtg	caaaaanaag	aaaaatgaaa	nangtncatn	tattcattct	240
gttncatat	agcaaaaactg	aatgtcaaaa	gtncnttctg	tccacacaca	caaaatctgc	300
atgtattggg	tggtggctct	gtccctctana	gatcaagctn	cacatcagtt	ttacnatata	360
aataacttgct	ctaccttaat	gatgaggact	ccttaaagnc	ncatttgcta	ntgatnaata	420
cactgctngg	gctggccagt	tttnnatgcn	tgcagcttga	cnantgagca	cactcaggcc	480
tttgtnttaa	aaatgaaaaa	tgaaaaaacn	aattcaaaac	ctattcaaat	ggnttctagn	540
caatttgttt	agtataaatt	gncatagctg	gtttgcttga	aaacaaacac	atttaaaatn	600
ggtttacctc	aggatgacgt	gcagaaaaat	gggtgaagga	taaaccgggtg	agacgtggnc	660
ccactggtag	gatggacctt	tgagcttctg	gtgctccgnc	catggngacn	atgacacacc	720
ctggnggcat	gcccctgtat	gtgngttaac	gntgtctgca	ttgtctaaan	tgaacangtg	780
ttagc						785

<210> 4952

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4952

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nnngnggggg	ngggggggcn	ggnttgaggn	ngngngnggn	cncgngngng	ggcgngngnc	180
gngnggggng	ggnggggggt	nntttttttt	tngggnnncg	ngaggggggg	ancnaggcgg	240
nnnggggggg	ggggggggnt	ggngttgcn	ggggngggag	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	gggncgnggg	nggggtggcg	ggngngggcg	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgncntngg	cgccggcgcg	gangngcgcg	420
gncgtgngag	ggngagcggg	agncgnggca	nngagctggn	gtcngngngcn	ggcgggggcg	480
nagngagnag	gctcnatngg	ggggngggcg	ggngtgnggn	gggncnncg	aggnggggga	540
nnaggcgtng	ggcnggntcg	nnngngcggg	ggcgancggg	gagnttgngg	ngggggccag	600
gngngggngg	ggggncgggn	ggggngnatc	gcnnngcgnt	gacggngtgn	ncggngcccg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggg	cagtgggtng	gngccgngt	720

cngtgtngng	cgagnggngn	gagagggagn	gnngntgggt	ggggncgagg	ggatggccga	780
gngtcngng	gggggagng	gnngngnngn	nngagggcgn	tngnntggct	nngggggccc	840
aggngcnggc	nnngcngngn	agggngnnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagn	cgngngngg	gnnnntgnng	agacgggcng	agcgggcggg	960
nggcgggcgn	gnngngcgt	gnnagagcgn	gcggngcgn	gtgngnccng	gcggncngnn	1020
gcagagngg	gacacagcnn	cggagngng	tgnatgnnga	gangagnng	nnnngtggcg	1080
nacggttagc	gggcngcng	gagagnagg	tgncgntggg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gnngngatag	gnngggngga	gcntgngng	ganncggtac	tagggagcgc	1200
gagtggngg	nggtngacgn	gaggggngg	tgntnggaga	gnngngagc	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtgggc	anagggcng	tgcnncngta	ganatggntg	1320
nngcctgcg	gcngcggag	cnntagngg	ngtgngngg	gangagcng	tgtgggcng	1380
cgcnngggg	ggcggcngag	tgacgntng	cgcatngnn	nggcncnccg	ngcgngcgca	1440
gangngang	gnngngcnnn	cgcnnggaga	nngnnaggna	cagggcgagg	gàngcgangn	1500
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<210> 4953

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4953

gacttcnctt	tcnaaananc	tnngaagctn	antnnccata	ananaaggct	ntgggcgaga	60
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cggaccogtg	aaatctagaa	aataagttat	ttgcttctaa	aatacagtga	tgggacagac	180
ataggataga	cattcccat	tcaaaagtga	gaaattgggc	caggtgcagt	ggctcacacc	240
tgtaacccca	gcacctgtaa	tcctagctcc	ccaggcggct	gaggcaggag	gattgcttga	300
gcctgggaga	tcaaggttgt	agtgagccat	gattgcgcca	cctttattgg	gaaactttta	360
ttccagttac	caataacaca	ttcctcattt	nctccagaga	cctcaccaga	aacaccttta	420
atattcatat	ttctagcagc	cttctgttca	taacaatata	tgcatcctgt	taagatgata	480
ggagatttct	cttgacacct	tcctctttgn	gagcctgcan	gggacattcc	cttttaattgt	540
ccatatttct	accagcagtt	ctcttnaaag	caagtctaa	gtntttccta	acattacacc	600
tnaaaattct	tgcanntntt	nnccaagcac	agtgccttac	atctggtaat	tcctaact	660
ttganaaggc	cnaacatgga	acaggaatgc	ttgagctcaa	ngagttcaag	accagcncgg	720
gcaanattat	ggaaccctnc	cttttcnaaa	aattncnt			758

<210> 4954

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 4954

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ctggtaatat	taagagtctt	tctcagggta	acttaattgt	ttcttaatga	acaatgtttc	180
cagctacaaa	ttctttcaat	aaattgtctt	ccttttttgaa	aagtactctc	atagaagaaa	240
tttagcaatt	tctcgttgac	tgactcagtc	tatttttaagt	attcagaaaa	gattttgatc	300

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cccattgagt taatgctctg cettgaaaat tatttttctg atccttggtta gtgataacat 360
tttttttcta ctgaagggtca gaggatanga aacaagtatt tctcttctgg tatacatgta 420
atgtattctg taaaaaagta ttcattattgg caatttttagt taggcataat attgtgggtg 480
taatttttaa aacttagtgt tttgtctgat taaagcangc actgatcagg gtatctccta 540
agaggtaatt cacttcttat tcctttccaa taattattac attctaaatt ttcattctatg 600
agaaataaca aacaagaagg gaatagaatt aaattggggg ataactctaat cttcattgggt 660
taaattgggtt gccttctccc attgaagcca ttttttatag cctcanaaag aggaaataat 720
gccttcaccc attttctacc tgggtgacttg aaaaatggac cttttaagtt aggaagaagt 780
t 781

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<210> 4955

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(939)

<223> n = A,T,C or G

<400> 4955

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cgaattcggc acgagtgaag agggaaaaagt tcaaaaaata aattacattt tataaataag 120
gcaaggaact ggacattacc tcacatctgc aattccaacc ctctgggagg ccaatgcatg 180
tcattcnttc cnatanntnc nactcnagac acatgatgtg attcacagaa cnaganaang 240
nntccaccta ctgtcctgnt tnangnnggg atgctncata aagaggatna cnnttaance 300
actaacagtt atgcctntna tcttgaatct gtctcacta gttttcgtnt ncttgggcnt 360
gttactttat gtttccttnc ntcannttac ctttaatatg anaatannta tnattntttt 420
accatgggtc cttacttnan ngatantttt ntnatnnntg catngnnata nnancntnnn 480
gtncctttcn cantntaaat tettaannnt nntcnttatt cnntnttctt ntntnttttn 540
tnattnnnnn ntntntacnc ttannttcn cnacatcanc caattttnt nntnnmtnt 600
tncannanaa ttnntntttt tnatantttt tnnntactt ntgnnanatn gggntnattt 660
tnctntnnca antgggttnn nnnntttttt ncnennnann naacntcntt tnatcnnttc 720
tnnnatnnnc nattnattan tctntnnctn tnnntatcna cncaattncn ntatnnntat 780
ctntatannt tnnnaatnnn tnanantacn tntannntnt tctntntnt tntanaatcc 840
nnaatntatc ttntntttnn nntctaaaan agctnttnc ntttnnaatc nctntntnt 900
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<210> 4956

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4956

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gacccatcga ttcgaattcg gcacgaggga acatctttac caccaacgtt ttacctctgc 120
ttcaacaatt tggccttggt aaagacacct gctcatatgt aaatgtggaa gatgtctcag 180
gagccatata acatctgtcc cttggggaga tcccagctat ggcacagccg tttgtatcct 240
cggaagaacg gaaggaacga tgggaacagg gccaggctga ttatatggga gcagattcct 300
ttgacaacat caagaggaaa cttgacactt acctccagta gaaacactgc atttttctgt 360
gaacacatcc acttcacaag ccttgtttct gatacttagt atctagagct ggggttgagaa 420

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aagtctgtta	cagttgctag	aggttttcat	taaaacttat	cagatgagag	gcttttttag	480
gataagaggt	gagaactggg	caaaagttgt	gaagcagcaa	ttctgttata	tggaacagtgt	540
tctgcttttt	aatcctatatt	agcttggttc	agaaattctc	acttttggtg	actgccaca	600
tacaaagtaa	gggaaactca	agatattaag	atggctgtat	cagttcttaa	aatctgcaga	660
gcctgggttc	aaatcagtc	ctcccttcag	aagcagacat	ggcatctgtt	ccttgcttgc	720
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<210> 4957

<211> 1210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1210)

<223> n = A,T,C or G

<400> 4957

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catnctccc	ctgtgcgatg	agnntgncan	gannnacagc	acatgggctn	taggacnttn	120
angtgcnnaa	nctnnncgan	tgnnncngca	cgncnacngg	ctncttgccc	gcctaangtg	180
aatatcgtnc	ncgacatgna	gtgcatcang	agtganngag	cccctngcnt	gaatgtatnt	240
cgtcntcaat	acnntntatc	gccnacatnc	cttnancntn	gctaccactt	cagcatgatc	300
ccactgctcg	aatttgccat	tcngtaattc	cttaacnagg	ngcntgnaan	ngcggaaacn	360
ttngtccaag	tnganacccc	tagctcttta	naagcgnntn	tnnntgggga	aaantnccan	420
ncctngngga	caagantngg	atttttaacc	caattggggg	aaaccgcctt	tgggcncact	480
ttgnggggtt	nnccccaaaa	ttttcccncc	cttgggganta	aaaanncntn	ttttcaagg	540
gagcgggcct	tcancanatt	ncngttaa	ggngntttct	gattcaaagn	ccntgncggg	600
tggaantcna	ngnggnanag	ngnaaaaaat	tccttngggg	nactgcanaa	attncnncgt	660
tcggattggg	ngnnntntnc	cannanggcc	cctgtntccc	atangggngn	aaaactccgg	720
gccanttttt	ttttaaanaa	aacctnggga	aantcccntt	tnntaattaa	ncaccctggg	780
gacgtccana	ttggggggng	acatttgenc	natggcntta	gcctatantt	cgtaccncng	840
aaaaatcggg	agantnccct	ttganaaant	tntnccagaa	acntngccnc	anaacctttc	900
ggncnntgg	gtttgtcaa	ttgaaaatcc	aaaaattann	tgccccctgn	nagacnggnn	960
ntcaaatagg	ccgcttnntg	gtacttcncc	taaacaatcn	ttngntagng	cattngcgct	1020
caatggnaan	ttcancctnc	cngngnacnt	ngggaanngg	attttaaacc	cggaaaaant	1080
ttnaaccnna	acnactgggc	tcatnngcta	cttggnttcc	attaaacccg	cnnttgatta	1140
ncgggnctta	ncagnacttt	gcacggcnat	gcanctagtg	acccggnnng	gttncaanne	1200
ttcntntgcc						1210

<210> 4958

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(837)

<223> n = A,T,C or G

<400> 4958

ttttttttac	ttaacatntn	ngcctactcg	gnnctttttg	cagggatccc	atcgcnttcc	60
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anatnantgt	gtaaggctgn	gaattcttgc	tgngaggaatc	gnagaanacc	tgntgctgca	180
aaatcntaca	tgttccacat	gganagggga	gnctaancgc	tattcanaac	anttcnnttt	240
tgtattttaat	taancnattg	cagctatctg	ggatttttcgg	gncagaatat	taanttcctg	300

gntgattctn	catattccaa	tgnatnaaat	ncanaaccat	tgngncttta	agatngtgte	360
aatnttcacc	taacaactng	tgccnaaagc	acctgcattg	gtaatnatat	ttcncttaaa	420
gggcaaattc	tgncantntc	ctgntaactc	aaaagtgcac	tnttcnctt	caaaaatggt	480
gntctcagtn	atcncacatn	ctgcaganat	ntatttatat	ctatacntat	anctnnntga	540
aatacnntta	ctcacnaaat	ntattnctga	tnaacattcc	catgttaaat	ctnangcccc	600
aaacctttct	aaattntggc	ccctnanncc	nttaatattn	taaaaaaatc	taaaattctg	660
nnntttcaaa	tttgnnctnt	aagcnttntt	aanaaatntt	cncnaccntt	gcctttccaa	720
tacctnccc	cttggnttaa	cnaaatttnc	tttnaatanc	cntcaccttc	ananactgga	780
ttctctttca	aattnnntct	ngcntcgaat	cattantaac	ttttgggnct	ctcnct	837

<210> 4959

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1302)

<223> n = A,T,C or G

<400> 4959

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tancaccann	atngncnnan	cangggggng	nannacngng	naaaaccng	gngagnnccc	180
ncccgcnngg	ganncanang	ngcngnnaag	naaccngng	cnncananc	ccngngcng	240
cccacanaa	cnggccanaa	gananacgca	agcgnacgcg	gncgaagncg	ggngnacagn	300
aanaaacnnn	cngcacngcg	naaaangccg	cncaacanna	gcnaaggng	aacngacac	360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnngcca	naangcggca	canacgncnc	ggggnnnncn	anccgngncc	canangnnna	480
gacnnggna	caccnnccca	ccccnangcc	nagannncan	aannccnagn	naccnagac	540
annacnnnnn	gannncnnn	cnanccgagg	nacannncng	nannngngac	ccnnnnctnn	600
nnngccnana	nannccnnac	ancnccccca	nccncccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gcccancnaa	nncaacacna	agnnnaccan	720
acngcncnnc	gnacnaaacn	ncacgncgc	ggagcccgaa	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgnccnnn	cgcgcgnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggngangng	cacgaancaa	cggccannng	nganngagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacggncga	cgcccgcgga	ancncacnan	cncngnnngn	canncnngac	1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanagnn	gncgcaanng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanaag	aagnaanacc	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnaa	gnanccanc	gncnngcan	cagngcaca	naanncggan	nccacgcga	1260
aaacngcnac	agnncgcaac	gnangncncn	acgccaanacg	cc		1302

<210> 4960

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4960

aanaacgtaa	ttnaacgcta	gcgctctngn	ngatccngna	gntctntctt	tcttccaatg	60
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ccngaananc tgcnnctggna tgnngctaca tgnatctagg tgttgangct ttacncgcna      120
gttgncngat gacgcntggc anangnccag gntntnnnta natccnaaca ncatantgag      180
gnatnggatg cctacnngca gagncgacag aactcacgct ntaaaannag gcgccacaca      240
cgggacgant acgtanagaaa naatncnntg tgngtgtntt tcctactcnc ttactcacag      300
cncatcagaa ggaagnngac nacnagctng aagcnggctt nataccnnat atcgnncngct      360
acancctgng ncaccactgc catngcgatg cttnactnca nctaattnta ccatnnanga      420
tgcntcatgn acctgnncta gcnccggcan ncttntggng gcccctatnn tagagaacgg      480
cttnnctcca cactgtaatg gtagngattg tggatnttcc tctatcatgg aaggganttg      540
aaaengntnc nctggagggt nnggntgtng actgcacttg nagcattcgn attcatgntg      600
anctcggaga ttnactctgg ngttccatca actntgantn caaacangat gatcnnngat      660
taggncgntt tccaatgttt gngccaaatt tgttaanann aacnacngga ttncaantta      720
anttggnnaa ncntntntaa cnttccgggc tcntgtcctt ncntnngcc      769

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<210> 4961

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4961

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ttagggacta gcattttattg gacttgtaaa gacagcacct cagaattagt aactacttgc      180
attttagggg ctgtttttatg aagccaacaa gtgaatgtaa aataggctct gcacttttcc      240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc      300
atgaatactt aagaaagggg aagtaggaac agggagcaga gcaaagcata acttgctgtg      360
ttccagggat ttaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca      420
ngaacttttt tgtaaatgaa aaagttcaca attttggnaa aaacagtgtc agatgtgtta      480
tggaatgtgt tatcacanaa ttcttcencc tgaaacttca agttntatna agacaaccaa      540
ntatatattg ctgnngaatt tcttaaattt cttgnnccct atngggaaag gtnaacccaa      600
nacnntcang naancccatc ccnttttttt tggcntttgg aaacttgncn acccggttng      660
gncanccccc aatttttctc aaaaatttaa tggtaaaacc ttttnanacc cantatcant      720
nnnnnccatt ancnaaccen ctncatntac cccngccccc tctncttnaa tanaaacttc      780
tcngntgccc ctttttnnaa anaantcttt tannnncgaa ccccntctt tttcccgcnt      840
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<210> 4962

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4962

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tnctttnttt actttcgctc ccgtttctttt tgcngatccc ncgattcgaa ttcggcacga      60
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ttagggacta gcattttattg gacttgtaaa gacagcacct cagaattagt aactacttgc      180
attttagggg ctgtttttatg aagccaacaa gtgaatgtaa aataggctct gcacttttcc      240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc      300

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atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ngaacttttt	tgtaaatgaa	aaagttcaca	attttggnaa	aaacagtgtc	agatgtgtta	480
tggaaattgt	tatcacanaa	ttcttcncc	tgaaacttca	agttntatna	agacaaccaa	540
ntatatattgc	ctgnngaaat	tcttaaattt	cttggnccct	atngggaaaag	gtnaacccaa	600
nacnntcang	naancccat	cccntttttt	tggcnttttg	aaacttgncn	acccggttng	660
gncanccccc	aatttttct	aaaaatttaa	tggtaaaacc	ttttnanacc	cantatcant	720
nnnnnccatt	ancnaccn	ctncaatnac	ccngcccn	tctncttnaa	tanaaacttc	780
tcnngtgccc	cttttttnaa	anaantcttt	tannnnegaa	ccccntctt	tttcccgnt	840
nnatattncc	ncatccctt	tgnanttcac	ntactcnn			880

<210> 4963

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4963

tctttttttg	gaaccnntn	tngetctttt	tgcggaccca	tcgattcgct	ctggagtagc	60
tgggattaca	ggcatgcacc	accatgcctg	gctaattttg	tatttctagt	agagacaggg	120
tttcgccatg	ttggccaggc	tggctcctaaa	ctcttgacct	cagggtgattc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gctcagcctc	atgttcgttt	240
ttaaaactta	ggatggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaaata	ctaagtattg	aactttctag	gaagtaccta	360
ttctgcta	agtgtaaata	tacacttata	cagggtcaga	aatactcaag	tttaccact	420
taaaagatct	agaaaataca	tgaacttggg	cttacttgcc	agttaaaatt	gnttatctca	480
gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540
catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta	600
gcanaggcca	ataaaaagtt	cagagtttnc	naaacatcaa	ancctnntcn	ancnennnna	660
tannnnccctc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nnccnntnn	720
ctnccccntt	acnnctacct	cncnttccn	tcnnaantcc	ctccncacgc	ncnnent	778

<210> 4964

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4964

tctttttttg	gaaccnntn	tngetctttt	tgcggaccca	tcgattcgct	ctggagtagc	60
tgggattaca	ggcatgcacc	accatgcctg	gctaattttg	tatttctagt	agagacaggg	120
tttcgccatg	ttggccaggc	tggctcctaaa	ctcttgacct	cagggtgattc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gctcagcctc	atgttcgttt	240
ttaaaactta	ggatggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaaata	ctaagtattg	aactttctag	gaagtaccta	360
ttctgcta	agtgtaaata	tacacttata	cagggtcaga	aatactcaag	tttaccact	420
taaaagatct	agaaaataca	tgaacttggg	cttacttgcc	agttaaaatt	gnttatctca	480
gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540

catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta	600
gcanaggcca	ataaaaaagt	cagagtttnc	naaacatcaa	ancctnntcn	ancncnnnna	660
tannnncttc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nncccnntnn	720
ctnccccntt	acnnctacct	cncntttcen	tcnnaantcc	ctcncacgc	nnnncnnt	778

<210> 4965

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4965

ttagntnaac	cctttgaaac	ccctttgaan	tntttaaacc	ctttcnaccg	ctacttgntc	60
ttgatecnag	nnncctcaa	ttccgccttt	gttccctcct	tccatgccgt	ttnttccngg	120
ggcccnngan	aacactggtn	atattaacag	tctttctnag	ggtaacttaa	tgttttctta	180
atgaacanat	gttccagcta	ccaaattctt	atcaanaaat	cggcttcctt	tntgaaaagt	240
actctcatag	aagaaattta	gcaatttctc	gtgactgact	caanctatct	taagtatnca	300
naaaagattt	tgatccccc	tgagttaatg	ctctgccttg	aaaattantt	ttctgatcct	360
tgntagtgat	aacatttttt	ttctactgaa	ggtcagagga	tnggaaacaa	gtattcctct	420
nctggtatac	atgtaatgta	ttctgtaaaa	aagtattcat	atnggcaatt	ttagttange	480
ataatattgt	ggttgtaatt	tttnaaactt	tagtggtttt	gncctgatta	aagccancgc	540
ttgatcaggg	tatctcctaa	agaggggnat	tccaccttnn	tattcctttc	caatgaatta	600
tnacattcta	aattttcatc	tntggagaaa	nnnacaacca	agnangggga	atnggaatta	660
aaattggggg	tataaatcna	nnctccatt	gnttnaaatt	ggntgccctt	cncaccantt	720
gaagcccat	tttttatagc	ctcagaaagg	agggaataa	atgccnccca	cctttttntt	780
cctggtagac	ttngaaaaat	tnacnttta	agttangaac	aaagtct		827

<210> 4966

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4966

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ccccnnga	tcggcacgag	ggtgtgcggc	tgtaattttta	gctattcggg	aggctgaggc	120
aggagaatca	cttgaaccca	ggagacgaac	ggtgcagtga	cccagatcg	taccactgca	180
ctccatcctg	agtgcagag	cgaaactcca	tcttggggga	ggaaaaaaa	gaaagtaata	240
gggangnaaa	tcagaanttg	tgtggganc	cccctatntc	tggtctctgn	tannatactn	300
nacctgtcag	gcnatnctga	gagcgaangc	tnctgcntag	ggctagtctt	cattcagant	360
ggtttttgat	aggcatgaac	tagtctaact	caaagcatac	ttctgtgtaa	gctagcatag	420
ctcctntact	tggcttcata	ncnttgga	ttaatcgaga	aaagtgaaaa	aggagggttt	480
ggncctgcct	tgaatagcat	ttgattntta	atcctacatt	ntatcagagc	cccagcnttt	540
naaatgttta	atagccntat	gtgctgtttt	gccacgcctt	cnaagttngt	acttctgtga	600
atgaaaaagt	gtgactggac	tnacataaac	tggnattgac	tnncagtcac	cagtntatct	660
ccatnttcaa	ggnaaaaccc	aangactggg	ttntcctctn	ttttcttttg	aanatganng	720
cnnctaaaaa	tcaantaatt	ggggctgggg	tgtggaagcc	caccttgatg	aantcttatg	780
ctttt						785

<210> 4967
 <211> 975
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(975)
 <223> n = A,T,C or G

<400> 4967

annnnanncn	antnnntnnn	atntnannnc	nnentaantn	ntnnnatcnn	nanncnana	60
anatntnnac	tnnaaanaat	tnctaatagat	taangggggg	tctaatagctt	ggaaactccc	120
ncgantaana	ggttngtcgg	cngetctggc	tgcccgccgg	ttnagcagca	tggntctcnc	180
aggggcacag	tanngcgcct	cccganttac	cggagcgnaa	ctgccaggta	ccgcnaagtc	240
nnctctggna	tcagcgctac	caaggcgcag	ncgantctgc	caagctacct	tagganccggg	300
gactnatect	acttccgtgc	cctactagag	cgggagntnc	ngnccgagga	ccgnatcntt	360
gtnctangnt	gcnnngaacan	ngcnctgate	tactaatctg	ttccntanga	cgctnccnta	420
atgnnaccag	tgcngactac	tcactnatac	nnngnagctt	gatangcnng	ctnacnatgc	480
ccatgtgccc	nnatectcnc	tnngaaaacn	ngaagtgtgc	gcgaangctg	ngacntttcn	540
ccaaagcttt	gttttttgaan	tnggttnntc	gaaaaaanng	ncncnacttg	ggaatncccc	600
tnaattnnga	tggggggaaa	ctaaagnttc	cccttggnaa	ccccatnnta	nccctttnta	660
aaaagggtat	ttaaccccaa	ctttgggggc	aacccccaaa	ntnttttgta	aacntntaat	720
nttcggaagc	ccctgggaan	nantttgngn	aancctntag	nnaagggggc	cnggnanttc	780
ttnttcnttn	naacangaan	nttttttann	gccnngaccn	ncctcgannn	ttttaaaggg	840
gcccnaaan	ccnttnttgg	ccnnaaaacc	cttttagngg	ttnaggancc	ttgaggaatg	900
ccccctttt	ggnaatgngg	atttccactt	nccnatgngt	aaccnana	naaaangngg	960
gaaaagctaa	aancc					975

<210> 4968
 <211> 1150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1150)
 <223> n = A,T,C or G

<400> 4968

gncacgntnt	tactccttgg	gnaatnagtt	ngnttnangc	cctttctcta	aanagaaatg	60
ngngntggcg	aanttcggca	cgagtngaa	gcatncacat	atccttagaa	tagtntnact	120
tnggctatna	accctngcc	ggctgnggct	cccantgtn	gtnantctgn	natgtgctat	180
acccaacctt	gagcangggc	gccatgectg	gctaatanann	ngtnattact	ttntcanca	240
gatggggctt	tcactntgnt	gnccangctt	gngtctagaa	ctcctgggct	ncaanttgat	300
actcctgcct	gagcctccca	aagtgcntgg	gattatagac	atgagcaa	tgtacttggg	360
ctcaaatttc	ttgnttnaaa	ttgggctttt	ttgtcagaag	naatgngcnc	ncctttgaat	420
tatnatnttg	atcttgttct	cattgtatta	cttngnacc	ctattcnac	natangantt	480
tctatnttta	ttcaatgaaa	gcngccctgg	ggaatttatt	tgnaccttng	tanccacntn	540
cngnggcctn	tgnggnntc	taaatatcnn	tngtccgctc	tacntnnaat	ntcggggggc	600
nccttatact	cnggtncacn	nnatngnaaa	aatnggttgt	cctntaactt	tcttncaaaa	660
atntgcggca	gatnntnntt	gnggnntant	ttnnanagcn	ctnttngtna	nntnnctttt	720
tggngncaan	tttatncaact	ntgngaaana	ccccctcntt	atcnntataa	ccaatttcgg	780
naanatnngt	canatatntt	acattatect	ctaattnttn	ccccaatang	ntnanttact	840
ctncaaatnn	nnctantatt	cgngnntcta	tncnanaatt	ntctanana	ttctntacca	900
ntttctgnga	ntntttctgn	aannnttcac	ncgtgcggan	tannctatgn	ggacntaaat	960

ntttntancc	cccgganntt	nttncntaaa	aaangataan	gnctttttcc	acanactcca	1020
acaaantcct	ngtggannac	ttaaantnnn	tcatcnccct	cnggnaacat	gtctnctntc	1080
ttnanagtac	ncatnttgga	tcnatntana	aaggnaaatn	ntgatnnggn	gctctntcta	1140
cttatcancc						1150

<210> 4969

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4969

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angnntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgetgccatg	120
natgnatnna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttaen	atgtgattgc	ctatatgncc	tctnnacett	gaatacntnt	300
gntatnncan	ncanagtntc	aaaggatgnc	natnatagca	gcnctctttt	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caaggttggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtattttanga	tagtggccaa	agtattgtaa	tgatggctta	tggagtgtca	gctggataaa	540
gagtgaaaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatgggtca	600
tggccagtat	aataggggga	cccaaataana	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tgggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aatgtttacc	agnggncaat	tttgttggcc	ccatgggtggg	gaatccaang	gc	772

<210> 4970

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 4970

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ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatatt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttccctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4971

<211> 710

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

§ <400> 4971

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ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatttt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4972
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4972

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gtggctggat	aaaaggatgt	gtgggaaaga	actgagttga	aattaggagt	tagaatttta	120
ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatttt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4973
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4973

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tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncntggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaattttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4974

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4974

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tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncntggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaattttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4975

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4975

tcttttcnaa	tcnnntggcn	cttggttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300

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agaaaagctg cnagatttca gagttttcca angtgtaaac aactaaattt tgtgatccaa 360
atgataaggg ccataataata ngctggggaa tgtgggatct gncntggctg anntgntgga 420
ttaactgaga ttaacanagc tggangaaat gtaaaaagaa aggcacgatt gntcatttng 480
tcttttgttt gttctgngga accagggtcn aaatttccat tctgcatnan gtncgntnag 540
tccttttcaa aacatttcta cttangcaag tcctgtcnct gaattctnga aagaaaggca 600
ccntnnctaa tatttttgag ttccctactg nttaattctt cccaattaaa acctcacgtt 660
ctcnagggttn cccacaacat ggcccttacg gaangctngc ttgtoncaac ccaaaaactct 720
cacattncct taaacntttt nccccatttg gggcn 755

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<210> 4976

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4976

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cntttctttt tnaaacntt tgctactcg ctenttttgc aggntcccat cgattcgctg 60
gttttgattg gtcagattct tttttcacta gcggcggttt ttcttttatg tcttggtata 120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa 180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgttaacggt cacngagctg 240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgtcgtctc ctctcagggc 300
cccgtggtca ccgaggagat cgccacctcc atcgaacca tccgcgactt cctggccatc 360
gttttcttcg cctccatagt ttctctggcg gcgctggctc tgtctctcat tctgccgagg 420
agcagccngt acatnaagtg gatcgtctct gcngggcttg cccaggtean cgagttttcc 480
tttgtcctgn ggagccnggc gcgaagagcn ggntcatcc tctcnggagg tgtaccctnc 540
nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgctgt nnaaaagctn 600
cnaatcccga agtgtgtgcc cngaccgaa gaancngtc canctttga tggcttcnna 660
gatgattgga ccntggaaa ngggaacctc ttcnngnga actnaancgc nttaaaatng 720
ccananaanc ngctncttt ctcgnaacc nncncccn n 761

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<210> 4977

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4977

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cntttctttt tnaaacntt tgctactcg ctenttttgc aggntcccat cgattcgctg 60
gttttgattg gtcagattct tttttcacta gcggcggttt ttcttttatg tcttggtata 120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa 180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgttaacggt cacngagctg 240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgtcgtctc ctctcagggc 300
cccgtggtca ccgaggagat cgccacctcc atcgaacca tccgcgactt cctggccatc 360
gttttcttcg cctccatagt ttctctggcg gcgctggctc tgtctctcat tctgccgagg 420
agcagccngt acatnaagtg gatcgtctct gcngggcttg cccaggtean cgagttttcc 480
tttgtcctgn ggagccnggc gcgaagagcn ggntcatcc tctcnggagg tgtaccctnc 540
nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgctgt nnaaaagctn 600
cnaatcccga agtgtgtgcc cngaccgaa gaancngtc canctttga tggcttcnna 660

```

gatgattgga	cccntggaaa	ngggaacctc	ttcnnggnga	actnaancgc	nttaaaatng	720
canaanaanc	ngctnccttt	ctcggaacc	nncnccccnc	n		761

<210> 4978

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4978

cntttctttt	tnnaaccntt	tgcctactcg	ctcnttttgc	aggntcccat	cgattcgctg	60
gttttgattg	gtcagattct	tttttacta	gcggcggttt	ttcttttatg	tcttggtata	120
aagaagtatc	tcattggacc	ctattatcgg	aagctgcaca	tggaaagcaa	ggggaacaaa	180
gaaatcctga	tcttggaat	atctgccttt	atcttcttaa	tgtaacggt	cacngagctg	240
ctggacgtct	ccatggagct	gggctgttcc	ctggctggag	cgctcgcttc	ctctcagggc	300
cccggtgtca	ccgaggagat	cgccacctcc	atcgaaccca	tccgcgactt	cctggccatc	360
gttttcttcg	cctccatagt	ttctctggcg	gcgctggtcc	tgtctctcat	tctgccgagg	420
agcagccngt	acatnaagt	gacgtctct	gcngggcctg	cccagggtcan	cgagttttcc	480
tttgtcctgn	ggagccnggc	gcgaagagcn	ggctcctatc	tctcnggagg	tgtaccctnc	540
nttatacttg	antgtgacca	cgctnancct	cttgctcgcc	ccngtgctgt	nnaaaagctn	600
cnaatcccg	agtgtgtgcc	cngacccgaa	gaanccngtc	cancctttga	tggtctcna	660
gatgattgga	cccntggaaa	ngggaacctc	ttcnnggnga	actnaancgc	nttaaaatng	720
canaanaanc	ngctnccttt	ctcggaacc	nncnccccnc	n		761

<210> 4979

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (850)

<223> n = A,T,C or G

<400> 4979

ntcnttttgt	ttttcaancn	attngcctac	ttgttctntt	tgcaggatcc	catcgattcg	60
ctgggttttga	ttggtcagat	tcttttttca	ctagcgcgcg	tttttctttt	atgtcttgtt	120
ataaagaagt	atctcattgg	accctattat	cggaagctgc	acatggaaag	caaggggaac	180
aaagaaatcc	tgatcttggg	aatatctgcc	tttatcttct	taatgttaac	ggtcacggag	240
ctgctggacg	tctccatgga	gctgggctgt	ttcctggctg	gagcgctcgt	ctcctctcag	300
ggccccgtgg	tcaccgagga	gacgcccacc	tccatcgaac	ccatccgcga	cttcttggec	360
atcgttttct	tcgctcccat	agtttctcct	ggcggecgct	gtcctgtctc	tcattctgcc	420
gaggagcagc	cagtacatca	agnggatcgt	ctctgcccgg	gcttgcccag	gtcagcgagt	480
nttncctttg	ccctggggag	cccgggcgcc	aantagcggg	cgctcatctc	cnggaagggtg	540
taccctccnt	atacctgagn	ngtgaccenc	gcctnaagcc	cttcttgcc	cgcctccccg	600
tncctttcgn	aananncttn	ncnatccnc	aaggggtgtg	nttgcccccc	aanaacccccg	660
gnancanaan	ccgggtncce	aancccnttc	ttnaannggc	cttctgggcn	anattcnaan	720
tggggccccc	ctcngnnaaa	ngggnaaaan	nccttcttnt	nnggnngaaa	tattgaaacc	780
nccttnaaaa	natgggnccc	nncnaccctc	gtcctctttt	tntggggcaa	aacctnnngc	840
cacctntnccg						850

<210> 4980

<211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1523)
 <223> n = A,T,C or G

<400> 4980

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ttttnggggg	ganaaaaacc	cnngnggagg	ngcgngnggg	ggctngnggg	gannnctggn	120
nngngngggg	ngggggggcn	ggnttgaggn	ngngngngng	cncgngngng	ggcgngngnc	180
gnggngggng	ggnggggggt	nntttttttt	tngggnncng	ngaggggggg	ancnaggcgg	240
nnnggggggg	ggggggggnt	ggngttgcnn	ggggnggagg	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	gggncgnggg	ngggtggcgn	ggngngggcg	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgncngggg	cgccggcggg	gangngcgcg	420
gncgtgngag	ggngagacgg	agncngggca	nnagactggn	gtcngngngcn	gggcgggggcg	480
nagngagnag	gctcnatngg	ggggngggcg	ggngtgnggn	gggncnncg	aggnggggga	540
nnaggcgtng	ggcnggntcg	nnngngcggg	ggcgancggg	gagnntgngg	ngggggccag	600
gngngggngg	ggggncgggn	ggggngnate	gcnnngcgnt	gacggngtgn	ncgggncceg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggg	cagtggtnng	gngccgangt	720
cngtgtngng	cgagnggngn	gagagggagn	gnngntgggt	ggggncgagg	ggatggccga	780
ngtgcngnng	gggggagngg	gnggngnnng	nnagggcggn	tngnntggct	nnggggggccc	840
aggngcnggc	nnngcgnggn	aggggngnnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cggngnnggg	gnnnntgngg	agacgggcng	agcgggcggg	960
nggcggggcg	gngngngcgt	gnnagagcgn	gcggngcgcn	gtgngnccng	gcggncngnn	1020
gcagagngng	gacacagcnn	cggagngngg	tgatgngnga	gangagngng	nnnngtgggc	1080
nacggttagc	gggcngcgng	gagagngagg	tgncgntggg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gnngngatag	gnggggngga	gcntgngngg	gannccggtc	tagggagcgc	1200
gagtggngng	nggtngacgn	gagggggngg	tgntnggaga	gngggngagc	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtggggc	anagggcgng	tgcnncngta	ganatggntg	1320
nnngcctgcg	gcgngcgagg	cnntaggngg	ngtgngngng	gangagcgng	tgtgggcgng	1380
cgcgnggggg	ggcgggcngag	tgacgntnng	cgcgatngnn	nggcncceg	ngcgngcgca	1440
gangngangg	gngnngcnnn	cgcgnggaga	nnngnaggna	cagggcgagg	gangcgangn	1500
gntgtgtggn	aggngcggnn	ggt				1523

<210> 4981
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4981

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aactgtcac	tccttttccc	tccccatata	aactcaaagt	cctttggggc	ccaattcaga	120
gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	tgaatccatg	180
gaggtgttct	gtttggggct	ttttagactg	ctgtctctca	gctggttgct	tgaactgaca	240
gtaggccagc	ctgttctctg	ccattcccta	gtcactcctg	gcctcaccac	agcttgctta	300
gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	caatgttaaa	360
tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	ttgttctata	420
gcctgtgaaa	tggctagtgt	atcatttttc	cacaaagaat	taggtgttaa	gagttttcct	480

tcaggcttta	cttaggagaa	tggaactaagc	tgaagggtgta	cttcaccagc	aagagtcaac	540
tctagaattc	aggatgttcc	ttctattggn	ttcttagcca	tctgtcagga	aatgtaaaact	600
ttgggtttat	tttttggctt	atnccaaagg	ggtaaanccn	gaanatagaa	aatggataat	660
tttctnattn	aatagcngaa	ncctttttca	atctccaaat	atataanggn	gccnctctn	720
ttnaaaagct	ctaagcctaa	agtcaagagc	taggant			757

<210> 4982

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4982

gaggnnnttga	agccttttta	tagatacagg	ctacttgttc	tttttgcagg	atcccatcga	60
tctgctctcc	cgggcttaga	aggcccggct	actgacgcgc	agtgccagac	cttacccttc	120
acggncctta	agtctcggtc	gccctcgctt	cgcagcctgc	caccgcgct	cagctgcccg	180
cctcctcagc	cagccatgct	ggagcatctg	agctcgtctg	ccacgcagat	ggattacaag	240
ggccagaagc	tagctgaaca	gatgtttcan	ggaattattc	ttttttctgc	aatagttgga	300
tttatctacg	ggtacgtggc	tgaacagttc	gggtggactg	tctatatagt	tatggccgga	360
tttgcttttt	catgtttgct	gacacttcct	ccatggccca	tctatcgccg	gcctcctctc	420
aagtggttac	ctgttcaaga	atcaaagcac	anacnacaag	aaaccanggg	aaagaaaaat	480
taagaggcat	gctaaaaata	attgaggttt	tcatgattca	gcacctgctt	ttgnttctgt	540
gagatgagct	aaatttgctt	tcatacccca	gataagagct	taaaaccac	ctaattgctct	600
tatggcacia	ctgggggtata	gaatttaagt	tctctttata	cttcaattct	agcccaantt	660
gggttttgat	taatataagt	ngtttaaac	ttntcttnat	aacttgctct	gaaatgggga	720
acaaaant						728

<210> 4983

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4983

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gcacgagcta	ggatgacatc	tggtgtattg	actgtggcca	gtcttaaagc	tagtttttgc	120
tatgtggaac	atgctgctct	aattcagatt	taaagagttt	cttcctgtta	attcgaagct	180
cactgtgcct	cttgtttccg	aggaagaag	gactgattaa	gtcatctaaa	tggatgcaat	240
actgaattac	aggtcagaag	atactgaaga	ttactacaca	ttactgggat	gtgatgaact	300
atcttcggtt	gaacaaatcc	tggcagaatt	taaagtcaga	gctctggaat	gtcaccacga	360
caagcatcct	gaaaacccca	aagctgtgga	gacttttcag	aaactgcaga	aggcaaagga	420
gattctgacc	aatgaagaga	gtcagagccc	ctatgaccac	tggcgaagga	gccagatgtc	480
gatgccattc	cagcagtggg	aagctttgaa	tgactcagtg	aagacggtgg	gtttctcgct	540
gggtgcgacg	tgaatttggt	aagctcanga	tgcccatgga	ttagactcat	gtagtagctt	600
aaagagtcac	taggcgatag	ganggagaaa	ccaagaagtt	agcagaatct	ggatataatt	660
cantgtccgt	aaatcccatg	aagagaagct	catcagaatt	aaggcaatgg	aatttggtgcc	720
caaaaaaaaa	aaaaaaaaaa	actcgggn				747

<210> 4984
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

<400> 4984

gggnnnnnnnn	nnnnnannann	nannnnnngnn	ngnnnnnannn	nnnnncnnnn	anannancnn	60
nncnannnnna	ggngaggag	nangannnnn	ancnnttttna	ncccccnttt	ttnnctaaaa	120
aaagnaccct	tgggggttaa	ancnccccnt	tgncccccnn	aacacgagaa	aaaagggggg	180
cnggggggng	gnnnnagng	nannnccnnn	nnncnncnng	nnacnaggn	cnggagcnaa	240
gaagnnaacn	ttttntanca	ngnnaanccn	atnncnncna	nagcanccnc	gggggggaaan	300
cnggaagacc	ncncnnnggg	nnnaannana	nnancnanca	nnngngagca	aacanngana	360
nnnanngggc	nnaagcnaac	ncnnannnnna	nncccagnca	cgnnncnncn	gnncnnnann	420
nannaccnac	ancncnnng	acnnaagaan	nacgncaana	aacgnannna	cncnancnca	480
gnacnnagcn	nnanaacacc	canncanaac	caaaaanann	ncnatngcnn	nnnnngnnann	540
ncnnnnncaa	nnnnncnnnn	nccgcnnnnna	nancnnncan	ncagnacacn	ncgcacancn	600
ancnccanna	gananngcc	aancnnaann	ncannaggnc	annnacntna	aggcanacan	660
acngnncagc	acncnnanac	gangccnnag	nganccacac	anncgannnn	cnnnnnnnac	720
gnaaananca	ngacgngcnn	ncangcgnac	anaaganana	acnnacganc	cnannnaaac	780
ancagcnanc	annannannn	anngcnnncn	nnngannncn	ngnncgacan	acanananna	840
nnngngancc	cnnagacnan	ngacnaaaac	annacganga	cangcnggca	ncnactcaan	900
nannagnacn	cccnanaacn	acncnnaccn	ncgcngacac	naccaaanaa	nnaacancac	960
nannaacnga	naanacnacc	nccgcnnngn	ccganccnag	cncncnncag	ncnnaaccnn	1020
annaccannn	ncannncncc	cncgagccgn	ccngacanac	acncagaacc	nnnnnacaac	1080
aanacncnca	tcanannngn	cnnccacnan	ntncncacga	cnancgcana	cnncgacnna	1140
ncnnngnant	nncagcgaca	gcgnanacnc	ntacnngnna	acnnncnnnc	gnccg	1195

<210> 4985
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 4985

gcaatgtgct	ctngtctttt	tgcaggatcc	ctcgattcga	attcggcacg	aggccttttg	60
tgggggtctca	tacataactc	agtttccaca	aagctgtgcc	ccagctcagc	cctatggnta	120
gaagcatggt	ctgggggttc	tttgctgacc	agggtgtgtg	ctttgtccaa	gttactgacc	180
ttcccaaacc	tcatcaatgc	acataaaaag	agcacttgca	aacaatgaat	ctagacatgg	240
accttcacaa	agaaataact	caaaatggat	cccaggccta	aatgaaaaat	gaaaaactat	300
aaaactccta	gaagataaca	taaaagaaga	tctagatgac	ctagggtttg	gcaatgactt	360
tttagatcca	gcaccaaagg	caggatccag	gaaagaaata	attgataagc	tggacttcat	420
taaaacgaaa	acttctgctc	tgtgaaagat	gctgccaaaa	aatgaaaaga	caagccacag	480
actgggagaa	aatatttttg	atggaaatat	ctgagaagag	aggcttggtta	tccaaaatat	540
acaaagaatt	tctaaaactc	aataatttga	aaataaacia	cccaatttaa	aaagtgggcc	600
aaagatctta	aatgacgcct	taccaaagga	agatcccngg	atggcaaaat	aagcntatga	660
aaagatgctt	ccnggctggg	cacngtggct	nacgcccgtg	atnccancct	ttnggatgcc	720
aaggcaggga	gacn					735

<210> 4986
 <211> 1497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1497)
 <223> n = A,T,C or G

<400> 4986

cnttcnnttt	cntgaacctt	tttttccnat	tcccnntna	tctcncgtaa	tncccnncan	60
ganttnccnc	ngcatccna	cttantntcn	tntgngngcn	cagaagntnc	gngacnnttt	120
tttngcccc	canactgcgn	gtttntanna	ngnnancgcc	ngtcngtnn	tnncnttgnc	180
nnnnnatatc	cannccctnc	tnntnccct	ancgcacant	ntcncaatan	tnnaacgnnc	240
nantnaccct	nccnatccac	ntcanagtaa	aatnctnnca	attncancat	tagtgnnttc	300
nannacctnn	ccgtnnatat	ctgnnttcca	tccacaaagn	ccaatcnng	natcnenntn	360
tnantatncn	ntagagnncn	ccnnntccca	tctatcgnet	nnnnnatnct	nggaccnnnn	420
tcccatncca	nnngtnann	engantnntg	tgncacnnnt	gngnncngca	tctcaancat	480
catctcgtct	cttgacgatn	tncttantcg	gcgcattagg	ntcnatcgnn	tantnngntc	540
ancacctant	ntaatctcan	tntnatcann	tctacctatn	tcatatcngc	canacagtct	600
cnctctaaat	ncnncgcann	gencatntat	caantcanna	nactcntata	netcacatnt	660
ctcnnngnnc	atntactctc	cnagctctgt	catttttntc	atctntctct	ctgatacagc	720
cactnnggaa	aactagcnnc	tcactcacna	tagccnnatc	tatacgctcn	ctntcnncag	780
ngactcgata	natgcgtgcg	tgntcnntct	atagcnnncn	netcattngc	atnananata	840
tcnntcgcgc	nactgttgtc	ntcatcttgn	nncantacan	tgagaagtnt	tatatatagc	900
nacnananat	atagactcat	ctcactacnn	angacgcgan	gctanactnt	acttatanac	960
ctcacnattn	gncactntac	ttatactntc	ncntntntga	nacggctnca	gtatatcgcn	1020
gggntctcac	ttactntnng	cnctntnact	ntcctnngng	cnnnnaacag	tatntacact	1080
ctatnaatcn	canacgncna	ctgctccatt	ctgnnccaan	ntctntctc	gcancnnnt	1140
nnnnntcgna	tnngcncgat	cattgncnnn	natngngtcn	ctctncanna	ctnctctctn	1200
gncngccanc	cacnnngnag	cntctennct	atnncgatch	tnngncactn	antaaacctc	1260
atcacatcnt	cntctctcen	cnctntnnan	atctaccctn	ntnttnaatg	cntnatgtna	1320
ctccacgant	atntcncact	ttatcnntnt	ccnctntatc	gnnctctnt	tancagtctc	1380
nacttatng	ctctnnngnc	cnacnnttna	gcctcnccgn	tnnatactcc	ntcnenatgt	1440
ccgntccncg	nagcnncata	ngngnntnnn	ntatcntata	cgntncanan	tcgaent	1497

<210> 4987
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4987

tttctaaatg	gcttggnctc	ngttctttct	ncangatccc	atgcgattcg	aattcggcac	60
gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	gagtggaagg	120
agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	actgccctgc	180
tggaagggct	gatggagctc	cccgcacatg	gttcctgcct	gggtgacaga	ggctcctgtg	240
gccactttag	aagtgcgggt	tactcctcat	gccgagatgg	accttgggca	gctcagttca	300
caagatgttg	gtcaggcgct	atttaaatat	tttcagtcag	cagaggaagc	aaagcgtgcc	360
attgaggctt	gtgctgtcag	cggtacctcg	gtctgtgtac	cgccggaagc	tttgccagga	420
ccgccttttc	tactttactg	tagacatagc	gcattgtcact	tgctgggttg	gtgatggctt	480

tgcagaggtg	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	gccctgtggg	540
gtccttggtg	tctctggggg	cttaaggagc	ctcctcatgt	ctttaangta	gcatcattga	600
tctttggatg	tggtcttttg	atcttctgaa	caagctaata	ttgtgtcaaa	gaaccaccac	660
tttgtgatct	catnggcttt	gattgatttg	ggcttggttc	aaatgggtat	ttgaaaaaac	720
gtntacnttt	aataaaactt	ancaaagaga	ttntaaaatc	ccganaaaa		769

<210> 4988

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4988

ttgtacntct	tttttnnaaac	ccntngctac	ttgttctctt	tgcanggatc	cctcgattcg	60
ggaatctcct	agaaagtgtg	gattttcgag	ccatatcctt	ctgtggtaga	tcctaattgat	120
cctcagatgt	tggtccttcaa	ccccaggaaa	aagaactatg	atcgagtaat	gaaagcactg	180
gatagcataa	cttctatcag	agaaatgaca	caagcaccat	atctggaaat	caagaagcaa	240
atggataaac	aggacccctt	tgctcatccc	ttactgcaat	gggttatatc	aagtaataga	300
tcacatattg	tgaaactgcc	agttaacagg	caattgaagt	ttatgcatac	tccacatcag	360
ttcctttctt	tcagcagtc	accagccaaa	gaatccaatt	ttagagctgc	taaaaaactc	420
tttgggaagca	cctttgcatt	tcattggctca	cacattgaaa	actggcactc	ctcctganga	480
atggtctggt	ngttgcttct	aatacacgat	tgcagctnca	tgnggcaatg	tatgggaagtg	540
gaatctatct	tagtccaatg	tcaagcntat	cattttgntt	actcagggat	gaaccangaa	600
acagaaaggt	ntcagcccag	gacgagccac	cttcaagcng	ttaanaagcc	agcaattaca	660
ttcacagtcn	ccaggaaana	aaaggncagn	cctatccccc	ctttncctgg	caaaaggccc	720
gtnaacctta	aanaaaactgc	ctttagccct	ttatnntgga	aagtggattc	ncncttnatt	780
cttggaacccc	tgncn					795

<210> 4989

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4989

ggaatngctt	ncnnngctc	ttgtgcnnng	tccntatnn	nnngcgccac	cgtgcctggc	60
tggaatgtgc	aatttgaaagt	gaatgggttaa	ncatccagct	agctgaaagc	atggcagacc	120
ctancagaaa	agctncagtg	tgttnttgca	gctatnaagn	gaatggnttc	ctggggaaaa	180
ttgtgacttt	gnntaaactgt	tgttgaaacc	agaataaatt	atatttcact	tgcatatgca	240
taaattatta	aaattttcag	aagtcagtga	tacagaagta	ctatnttgca	atgtnaatct	300
gcttgagtct	ttggagaaaag	tggtttcatt	gtangtacat	agngcactgn	taatatattta	360
aacaagtnnt	tnactcttcc	atntaaggga	tagcatntcc	ttgtataaaa	tgactggatg	420
tgtataaagg	aattatgttg	tcattgtgct	ttaccagct	ntantcatta	ctataatctg	480
atatttatga	tanttcnggn	nngtgacagg	accatatgaa	aatntcttat	gtcancncat	540
cacttttagat	tntatnatta	tgncacattac	tggtgtntta	ncctttgcta	atgtgaagcn	600
ttcttcctta	ntaagtctac	attaccttnt	gctcatttan	atcatatata	acnataaactt	660
tataantnat	ctnanaccnn	gcccttgctt	nttanacttt	cnnnecgnc	ttaccgtaga	720
tcengacatg	ataagaa					737

<210> 4990
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 4990

tttentaant	gnntnggtnc	tcgtttcttcc	tncannangc	ncntgcgntn	cgaattcggc	60
acgagcccag	ccctagatac	tggcactact	gaggaggatc	gtttaaaaat	tgatgtaatt	120
gactgggttg	tatttgaccc	acgcagaggg	canaagcact	gaaacaaggc	aatgcaatta	180
tgagaaaatt	cttggcatca	aaaaagcacg	aagctgcaaa	agaagtattt	gtgaaaattc	240
ctcaggattc	tatagcagaa	atctataatc	agtgcgagga	acaaggaatg	gaaagtccac	300
ttcctgctga	agatgataat	gctatccgag	aacatttggt	catcagagct	tatttggaag	360
cccatgaaac	ctttaatgag	tggtttaagc	atatgaattc	agttccacaa	aaacctgctt	420
tgatacctca	accaactttt	actgagaaaag	tggtcatga	acacaaagaa	aagaaatag	480
aaatggattt	tggtatttg	aaagggcatt	tggtgcct	aactgctgat	gtgaaggaga	540
aaatgtataa	cgtcttggt	ttgttgatg	ganggtggat	ggtggatgtt	agagaggatg	600
ccaaagaang	accattgaaa	agaacacatc	aaatggtctt	acctgagaaa	gctttgtctg	660
cccatggtnn	gttttctggt	tcataccnat	attgccaant	actggtcaat	ttcaggaatg	720
cctacagtta	ccantatggn	atcctntnag	cgccacanac	tggaacctggt	nt	772

<210> 4991
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (828)
 <223> n = A,T,C or G

<400> 4991

tctatccctt	nctcaatccn	ttatccngnt	ctttgcagga	cccatcgatt	cgaattcggc	60
acgagaaaag	annaaaaaag	gaannccan	gntttntnc	ccaaagttgt	tttctagatn	120
tgtggctnta	anaaaaacaa	aacacaacaa	acacattggt	tttctcagaa	ccaggattct	180
ctgagaggtc	agagcatctc	gctgttnatt	tgntgttgtt	ttaaaatatt	atgatttggc	240
tacagaccag	gcagggaaaag	agaccggta	attggagggt	gagcctcggn	ggggggcang	300
acgccccggt	ttcggcacag	cccggtcact	cacggcctcg	ctctcgctt	accccggtc	360
ctgggctttg	atgggtctggt	gccagtgcct	gtgcccactc	tgtgcctgct	gggangangc	420
ccaagctctc	tggtggccgn	ccctgtgcac	ctggccaggg	gaaagccccg	nggtctgggg	480
cctcctccna	ctgcgcncac	tttgcaanaa	taaactctcn	cctgggggtt	nnctatcttt	540
ggnnctctna	ccctggtnaa	gaaacgccaa	ngtggttccc	naaacgnctn	tncttgcaag	600
aacaaaagta	cccccttgcn	acccttctcn	atgggcntca	acgaatntaa	gggaagggnc	660
cccccaaggc	cccctttcct	ggngttngnc	cngntnaant	nntttgggnc	cngcnttttc	720
cnaaacntnt	ttatnngngt	nccaancccc	ttaangccan	ngttcccngn	ggggaacaac	780
caannggccc	ctcaagcccc	aanngcccct	ttncgggggg	ccccccnt		828

<210> 4992
 <211> 1499
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1499)
 <223> n = A,T,C or G

<400> 4992

cancncanca	ccanacacac	antcncnctt	tttcaactttt	tttttcccc	anaaacccgan	60
cncgtttccc	ccacngtctc	aaccnctac	acnngcgcn	annegcnaca	cacccccgnc	120
aancanccnn	nctntcnaca	cncncaacta	cactncatac	actcncnacn	ctacncacnc	180
acatacaaca	acaccacaca	tcncntaac	acacanacac	caccaccaa	tcnnancccn	240
ccnannnnca	acannnccat	ncanacacnn	acaccacacn	ccancaccca	cctctnnan	300
ccacacccct	atctcncna	cacnaccaca	ccaccccgca	aacnnnccgc	ccantcncan	360
tnccncncac	anacacacac	acancctcac	caccnacacc	canacacanc	ccccnacnc	420
caccacccac	cnnccnccc	nnccnccaac	actacaccaa	cncnncnatc	aancncacna	480
ccanccanac	cnnaccncc	cctcnacccc	ncaccnnanc	acctcacacc	cccacccanc	540
nccacnacc	caanccaccc	cccacannnc	ttntnanana	acanccaatn	ccccaccccc	600
ncancannca	ccacnacacc	ccccccccct	aanccacncn	cacccccacc	cncaccccct	660
anncnacnnc	cnccccacna	acaaccncac	cnacaccnca	ccntcccccc	catctcntna	720
cncccccgcc	tcacccnaac	ccacatctnc	tcccacanct	ccaacacncc	ncnanacacn	780
nncacacnca	caacaccctc	tctcncacnc	tacantcann	cacatacaca	nnatcantc	840
nctnntncnc	ccaactncnc	actaacctng	cancncacnc	tcncnctcct	caccantcgc	900
acnccacac	ccctacccat	actcncntcc	nntntacacc	atnancacac	cacacnntnc	960
accacnnccn	cnnacnccn	cnntacancn	cncanacca	cacctnacgc	acaccctnat	1020
ccacancag	accacacncc	cctnccacaa	accacangac	cnnccctac	acatntacca	1080
cgnccataca	ccaacnnact	ctctaccacg	acaatcncct	ctcaaaacac	nnnatctnta	1140
tancanccca	ncacgtcaca	cncnctnnaa	caaccncaca	tccagtcaac	atnaaccaca	1200
catnccanc	antncatctc	accnntacn	actcaetcca	ctacnccncc	tctcncacca	1260
cncnccctcc	ctatncaaca	ctcancntcn	aacactnctc	ncccnctcc	cnccccacca	1320
cncntcngc	atcnncaaca	cccacctaca	ccancacnnc	accncccccc	ccnaccacaca	1380
catccccan	taccatcaac	aaacacataa	gcantccact	cccaccanac	caccnataat	1440
actntacncc	tctccccaca	cncncccccn	naccatctca	ccccctcnc	cncncncn	1499

<210> 4993
 <211> 1576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1576)
 <223> n = A,T,C or G

<400> 4993

gncctccctc	ntcttncntt	tttgtttttn	gtttttccna	atcncctttt	tcngccacat	60
ttnttgnnn	nggnatcccc	atncgnnttt	cggaatttcg	ngccaccgta	gtagtanggg	120
tnggggngtn	ctgggcccac	catnanggta	ntcctcntnn	tcgngntttc	ttgnnctcta	180
nagggngtgt	acnnncaactn	gtctnatggg	ccntacgcaa	ttctaactng	ttcacnatgt	240
cancancatc	atgcnacnct	nnnntacttc	tgcnaacctc	cctctnccnn	ttcncaange	300
cactggacnc	tcantcacct	nctnnacnac	annngntttcc	cancncgncc	ttcttcattn	360
nnctccatnn	cactttnnnc	cncnctcaca	ntcntcccat	cnttntccca	nccactcnnc	420
cacancctnc	ntetaantct	tnatcanatn	tcactctcat	tcatnnttca	ccnactgtn	480
nancantccc	gnctctacat	gtentancgg	atnntcntnc	tncaactcat	ncannncctt	540
ngcgcttat	caaataactcn	tacnnactnt	taccctactn	ntnctntcan	cntctactnt	600
ccctctctc	cttctatctc	accatacacc	tctatcngan	cntnncatcn	ctatcnncta	660
tccanacnnc	tgtnactcgc	tntcactctc	ntntnttctc	tcgcactaac	atanntcaat	720
cccancctctc	ntacctgtca	ntccncagct	ctgatctctc	ncgtanaact	cctactctac	780

tacactntct	acnctntctn	taagacacac	gncagctcac	tctccactac	tntnccctnc	840
acncctctcc	gagnentnct	ctccnnntcn	actactatct	nnaacgtcgc	ttactnacnn	900
tcnctccana	ttmagttctc	canctgtann	catctcgctt	tnacactcan	cnnnccctna	960
ctcgnaactct	canactctct	cngcnctatc	tcacacaatt	ccgtnnctcn	ancanacacn	1020
acnatacgtg	gcttcatncn	cntcaagtan	attncancat	natcnctatn	tcttctatan	1080
ctattnnngan	ncatacnctc	atcgggcanct	cacactctat	nanctcnnta	cacacccagn	1140
gtcatacctc	ttctgcnagt	ntcnnnctnc	gacgcannnc	catctcanca	ctcananttc	1200
tcacngnacg	tacacnccna	tctctcnngg	cnccanng	actcatnacc	tatctntcna	1260
nctctnecgt	ctcnnetecn	tctctatcct	ctctacnctc	tntctcttac	gctccnncnn	1320
tcatctaaact	cntacnntca	cnnctctaca	tcttctctat	ctctctctct	atantctctta	1380
tcgntnnmta	ctncnaccag	cntctgctat	ccttgcttgn	actccnncnc	atcgaccncn	1440
ctctcatngn	tccacatent	cntctntnta	ctcgtcatca	ctctccnaen	ccnatatate	1500
tnttatccctn	anancnncnc	accgcagngc	accactcann	tcnnatnctn	ntannacnnt	1560
cccacntctg	accnct					1576

<210> 4994

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 4994

gnntnnnnnt	ttnnccctana	cngaattggtt	gggttaacgc	cctttcnna	ngnagnccng	60
cgntnccgaat	tcggcacagag	gccaaatgcc	ggaattcaaa	acctggcttt	taaaaagaat	120
gnttttgaac	aaggcgaatt	atatttgaga	gaaaagtttg	aaaattcaat	tgaatcccta	180
agattattta	aaaatgatcc	tttggttcttc	aaacctggta	gtcagttttt	gtattcaact	240
tttggtctata	ccctactggc	agccatagta	gagagagctt	caggatgtaa	atatttggac	300
tatatgcaga	aaatattcca	tgacttggat	atgctgacga	ctgtgcagga	agaaaacgag	360
ccagtgatth	acaatagagc	aagattttat	gtttacaata	aaaagaaacg	tcttgtcaac	420
acaccttaacg	tggataactc	ctataaatgg	gctgggtggg	gatttctgtc	tacagtgggt	480
gaccttctga	aatttgggaa	tgtaatgctt	tatgggtacc	aagttgggct	gtttaagaac	540
tcaaataaaa	atcttttacc	tggatacctc	aaaccagaac	aatgggttatg	atgtggaccc	600
cagtccttaa	cacagagatg	tcttgggata	aagagggtaa	atatgcaatg	gcctggggtg	660
tttggtggaa	aaagaaccaa	accgtatggg	ttcgtgtaga	aagcaaccgg	cattatgcct	720
tcacatactg	ggaagggcc	ntgggtgcc	gtagtgtccn	gctnggccct	tccttgaana	780
actggattcn	aaagnt					796

<210> 4995

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 4995

tnnncttttc	ctaattgcttt	cctaantggc	ntgggttctn	gttctttctn	caagtatccc	60
ntgcgntnecg	tataatctgg	gggtacagag	caaggaagaa	gtactttgac	tttgaggaga	120
ttctggcctt	tgtcaaccac	caactgggagc	tcctgcagct	tggcaagctc	accagcacc	180
cagtgcacaga	tcgaggacca	catctctca	acgctctgaa	cagttataaa	agccgggttc	240

tctgcggcaa	ggagatcaag	aagaagaagt	gcattcttccg	cctgcgcac	cgcgteccac	300
ccaacccgcc	agggaaagctg	ctgcctgaca	aaggactgct	gccaaatgag	aacagcgcc	360
cctctgagct	gcgtaagaga	ggaaagagca	agcctgggtt	gttgctcac	gaattccagc	420
agcagaaaag	gcgagtttat	agaagaaaa	gatcaaagt	tttgctggaa	gatgctattc	480
tccgagcttc	gcaatgccgc	taaggacnac	aagaagaaga	angacgctgg	aaagtccggc	540
aagaaagaca	aaagaccag	tgaacaaatc	ccggggcaag	gccaaaaaga	agaagtggtc	600
caaaggcaaa	gttcggggaca	agctcaatac	ttaatctttg	tttgacaaag	ctccctatga	660
taaactctgt	aanggaagt	cccaactttt	aaaccttata	acccccanct	tgtggncctc	720
ttgagaagac	ttggaaagat	tccnagggtt	cccttggggc	agggggccagc	ccctttaagg	780
agcttccttt	aattaaagga	ccttattcaa	aaccg			815

<210> 4996

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4996

tnnnnctttg	acggatcttn	gcagnactna	acggcaantt	ccctcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggagtaagg	gcaggggcct	aanaaacagn	ttttgttggg	120
tcttgaggca	aaaaaagaag	aaaatcttgc	tgattgggtat	tctcaggtca	tcacaaagtc	180
agaaatgatt	gaataccatg	acataagtgg	ctgttatatt	cttcgtccct	gggcctatgc	240
catttgaggaa	gccatcaagg	acttttttga	tgctgagatc	aagaaacttg	gtgttgaaaa	300
ctgctaacttc	cccatgtttg	tgtctcaaag	tgcattagag	aaagagaaga	ctcatgntgc	360
tgactttgcc	ccanagggtg	cttgggntac	nagatctggc	aaaaccgagc	tggcanaacc	420
aattgccatt	cgctctacta	gtgaaacagt	aatgtatcct	gcataatgcaa	aatgggtaca	480
gtcacacaga	gacctgcca	tcaagctcaa	ncagtgggtgc	aatgtggngc	cgttgggaat	540
caagcatcct	cagnctttcc	tacgtactcg	ggaatttctt	tggcaggaag	ggcacanngc	600
ttttgtacc	atggaaaagc	aacggaaaag	gcttgcanat	cttgacttaa	atgctcagga	660
tatgaagaac	tccggcaatn	cngnngtnaa	ggaagaagac	ggaaangaaa	aattcaggan	720
gagacttnca	ctccatagaa	gctttattct	gcc			753

<210> 4997

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4997

tggtttanat	cnngetcttg	ttctttttgc	aggatccctc	gnttcgaaaa	attttatgga	60
cttctatgga	tatttcttga	tgcttagaga	tttgtttttt	taattgcaaa	tgtgaattgt	120
ctattttaca	atgctattac	atatggagcg	ggcctgtggg	gtatggcact	attccttggga	180
ctaattggtac	ccaggttcca	ttctctgctc	agctcgggtg	ctctagacaa	agccctataa	240
atgctgtctg	cttcagtctc	cttaatgggtg	aagtggaaat	gaataacctac	tgtcacttaa	300
ctcatggaga	tgctggactg	ataattagat	catgtaagag	cactttgagc	tgtattgaaa	360
aatatgttgt	ctcaaattaa	gtagagtcta	tggtttttgt	aatataaata	tattgccaga	420
aaatacatca	ctgggggagc	aaaacatgta	gaccaaata	aacagggatt	agtaacatca	480
gtaaacatag	ttgggaaaaag	atggcactaa	agaaagccaa	gaagaaagtg	ttgctcttgt	540

aaaccaaann	aaaaaaaaaa	aaactcgagc	ctctagacta	tagtgagtcg	tattacgtag	600
atccagacat	gataagatnc	attgatgagt	ttggacaaac	cacacctaga	aatgcatgaa	660
aaaaaatgct	ttattnggga	aatttgggat	gctatngctt	tatttgnacc	c	711

<210> 4998

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4998

ngntttannt	attnnctttg	cgctttgnga	acttcengca	nganttcgcg	attcgctgaa	60
atgtcanaca	cggccaccta	ggcagcattt	acaagcaaga	nttttctgct	nttttgatgt	120
atatcttaag	cgccccagc	gaatgaacag	catataactc	cacataaaaa	tcattaaatg	180
taattgactt	ccagagcagg	cagntctgtt	gtatgcctct	ggagaaggct	ggctgaattg	240
gaattggnc	gtaccttctg	cctatcatgt	acatgaggct	tttgggcaaa	gagaactttc	300
cacaaaataa	gtccaaaaat	tatagatcat	cagacaacca	ataacatatt	gatgagatat	360
ctccaagatc	tagaancgtc	ctgggtgtca	aggaagtcnt	ttggggtttt	tacaaatatt	420
gataatgcac	tttctataaa	atgcactttt	tataaaaatg	catgctcant	tgagacaact	480
tgaaaaacac	naagaaaagg	cccgggccc	agtggctcac	gcctgggnac	ccagcantct	540
gggaggccna	aacggggtgg	atnaccgaag	gtcangagaa	ntgagaccat	cctggcnaac	600
atggngaaaa	ccccagact	ctactnaaaa	aatacataaa	aattancang	gtgtangntg	660
ncggggcgcc	natnagnc	antctactna	aggaggcctg	aagcaggaag	aatggggtgg	720
acccnnggaa	nacngaacct	tgcantnaac	cggnnatccc	gncactggna	cctatagnct	780
ggngng						786

<210> 4999

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1251)

<223> n = A,T,C or G

<400> 4999

acgagggggc	tccccctttt	ttttngnaaa	aaaaaacccc	ccnttttttt	gggggggggna	60
aagnttgggg	gggttttttc	cnaaaaan	ccnttttttg	gcanaaaaaa	nnccccnnnc	120
nnacccnnna	ccannnnnca	nannnnnggg	gcnncnncgn	nncnacancn	cggccacnan	180
cnnanancng	gngtggntca	cannannacg	gnngggggnt	cnccanccac	nnngggtnct	240
ctatncggg	gngcgggggg	ccncnggggn	nnccngnnc	acntgggggn	ggncnncac	300
ccgggggggn	ncnccnngcn	gngccaccca	taggggggnc	anaatggng	ccccnnncgn	360
nncacanca	aggnggcaca	cntancccn	annacaccnc	ccacacctnc	tncnanaacc	420
nannnacana	ncnnncnacc	naacncnacc	cancanccac	ccccaccnnc	ncnncnacc	480
acnacncaac	ccctccancn	accncccnan	aacaaannnc	ccccnacant	cnnncccnnc	540
nnnaacncnc	nancccnnac	aanccccatt	nnaccnanac	ncncanncna	ctaanacnct	600
nnccacnnna	canaaactnt	nnacncancc	acncnacccc	cccncaaccc	cacccccaac	660
nanacncncc	tcccccatat	cacaacaent	nccanctnac	ccctnaaacn	anancaaaaca	720
tanaaancca	cnccaccnca	acccaccaac	acnnctaann	ccaccaacan	aaaccnccac	780
cacanacnac	cncataccan	cnnnacacna	tcaccnnacn	acaccanacc	cntactncac	840
cnntcnatct	cnnnncatnc	nctanacacna	cacnnnaacc	tcacacacnn	cataccccan	900

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cannacacan tctatacanc nnetcaacna cccncacatc ctattactnn acancacncc      960
natnctcnaa ncnncncaca anacncnacc aacacncaac catctecat ctncacncna      1020
acnacancan tctcncccaa cacaatcnn cncnnaacnc tcnncanacn tacancatac      1080
acacnnacta caacgcncca cccnctctc ncaacacnca cnntcatnna cncacntccn      1140
anacnctnnc acaactaaca tnccacnann acacacnana nacacacca nncaccann      1200
acaccnaacc ntcacaccac nactactnnc aanctnnncn cacatnncnc c      1251

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<210> 5000

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 5000

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gnttttcta ggnatnnctt tggcaacttnc tcttttttga ggatcccatc gattcgaatt      60
cggcacgagt cgagtttttt tttttttttt ttcacttttt aatacacttc aatggttttt      120
aatatattca cagttgtaca actatcacta gacaaaatat ttttatctgt atgaagtgtc      180
gtgtgtatca tggggccaag tcaggggaag acaggagttt accaggggaa gaaatgcatt      240
ccagggaag agaacaaatg tgcaaaaaga cggaattctg aaatgacctc gcatttgcatt      300
aatatgaaac tgcaggggga ggtaggctag agtttatagt gaggaacaa ttgggctagt      360
ttacaaatga ggaatctgaa gctcaaatac atgaagtaac tggcataagg caattatctt      420
atgctaactc aagaaaaggt gtctaaggca ggggtcccca accttgggtg catggactgg      480
gtactgtggc ctgttaggaa cccggctaca cagcaggagg tgaggagcag gcaagcatta      540
ctgcctgagc tccacctnct gtcanatcaa ccgngggcat caaattctca tcggaacttg      600
aacccttatt tttgaactgc ncattgttan ggatagggtg cattgtctcc ttatgagaaa      660
tctaacctaa tggcccgat gaatttgang gggaaaaaaa atttcaatcc ttgnaaccac      720
cccccnaac cttgtttggn gggaaaaaaa nagnctttcc nntnnaaacc cggncctctg      780
gggncct      787

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<210> 5001

<211> 900

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(900)

<223> n = A,T,C or G

<400> 5001

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nggntctttt gnaatttcta acacctgctc ttttataatnn ttggaatccc tcgattcgaa      60
ttcggcacga ggnaanaacn gctctggaga aggccacgac annncanaga nntcaagtna      120
gaaanccacc agnctaactn naggattnag nanectnnnn ancgcnntna ggnncaatga      180
ggctgacctt gaggtcttg gnaggaaca cttgncggca cnnagctctt gtgcgtnctn      240
ggteactttg ntentatcca ttctctgaca cccagtttnn nattaancac ccnanntnag      300
antntctgcn nggtgcngg cnnnttntta cnnangccct tctnctntt tcnncannat      360
ccnccnnttt centnatent ttggnctgga tananntttt ctngnaance nttngntttt      420
ctttanacan tnattctnna ncccaaaatt tgcttttttn gtcttcttgn atttttcnct      480
naattgccct ttcnatctcc tttnatnttn atccentttt ntttttccct ngenttttnc      540
ttcatacngt ntccctttt ntnntgccc atnttncaat nggcncctac ttttateccn      600
ttnnngggtt ttttgtccnc ttnntttttt tcttccnant tcctccetta tttctcnacc      660
ctntataacn tacntnatct ttctctaaa tncnccnntt tcttctnttn tnttccctnt      720

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ttttttgtcc	ancntacata	cttcnntnnt	tttngganc	tennecatt	tntntcngnn	780
tcaatctatc	tatcccnntn	tncnnttnc	ncnttncnt	ntcnnttcta	tntntnttct	840
nttattnncn	tntnctntta	gttnntcttt	tactactan	ncnttttcnn	ttntntnnncg	900

<210> 5002

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 5002

gtnnctaaat	ggcnggcctg	ctcgttntct	tctcgcagga	ncccnncgan	tccaattcgg	60
cacgaggcgg	nncggtceng	tacatggctc	tgntgtcac	aannnnacgc	nttgnntgcc	120
cgttcncnat	acnatagtgn	ngctntgtcc	aaatcntgga	ctctgccctc	natgaacttg	180
tgctatccag	atgaccnngc	tacatcactg	nttgctncnn	gtactngcan	nnnnacgna	240
atgtggant	gnatgganac	gntgaacctt	ttcnnactat	ngcccntnct	tntgnaatca	300
nnataaccct	gtttggnaact	nttntngggc	tntattcct	ggctgnggtn	tgntnacac	360
tgaccaangg	gcctgtgctg	tanatatgcn	annntnntnc	agngntnct	ngtnactntn	420
ntaaggcnna	tttnatntga	nantnatgca	cnattngccc	agtgagcnc	nagttcagng	480
nncgcannat	ggngancgen	gtgcttancc	nagntctgtg	nnaggctatg	cccatntcaa	540
ggcntgcatg	gaactatgat	ggnnncannn	nattcnangc	ngtgtgncng	aatgagatcc	600
tngcacaagg	atatcatnct	tncagtnatg	gctgtncaac	tctggantct	angcatgttc	660
cgannntgan	gganacagat	tnantgngac	cctgactggg	gcnnngnanc	ngnacattga	720
aaaccngccg	ctgc					734

<210> 5003

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(934)

<223> n = A,T,C or G

<400> 5003

nggnnnnttt	naaaattctt	natatacngc	tacttttcaa	atnnttggtt	cccatcgatt	60
cgctggcggt	aaggctggaa	agggactccg	gaaaggccaa	gacaaaggcg	gtttcccgct	120
cgcagagagc	cggcttgag	ttcccagtgg	gccgtattca	tcgacacctt	aaatctagga	180
cgaccagtca	tgagcgtgtg	ggcgcgactg	ccgctgtgta	cagcgcagcc	atcctggagt	240
acctcaccgc	agaggtactt	gaactggcag	gaaatgcac	aaaagactta	aaggtaaagc	300
gtattacccc	tcgtcacttg	caacttgcta	ttcgtggaga	tgaanaattg	ggttctctta	360
ttaaagggtt	cnattgctgg	tggtgggggt	catttcncac	atttcccnna	tnttttgaat	420
tggggaanaa	aaggnccccc	cnaaanantt	gtcttaaaag	gattccctgg	gatttccctg	480
ggtatcttca	aggacttctt	naaataacct	tttaacaagc	ttgtnccaaa	tggtttgggt	540
ggaattncca	nttgggacct	tggtattctt	cttgggtgna	aaaaaccacc	aaatttttgg	600
cccttttttt	gggnaaattc	cttaattttg	gaagccnaaa	tttggggaaa	agnttttaaa	660
atttaagnct	tttttcccaa	acccaaaacc	cnaaaatttt	cttggccant	ttccnaagtt	720
cntttaaanc	cntttntttt	naaaaaatng	ttnaccttgg	gggggctttt	cnaaaaggaa	780
aagccttntt	tggaanttct	tggaanaant	aattgggggg	ttttttggaa	tttggaaatt	840
ttggacctgg	gnttttttna	aaaaaaacct	gggtttnngg	aattttttaa	attggnggaa	900
ttncncnaaa	agttnttng	gtnaanccaa	accn			934

<210> 5004
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5004

ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	attgtgtccn	120
tgtantctnt	nnggnncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnntnt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctacccng	cncnactgn	atgnngactn	gcattgntnan	cnaanntaac	ctgngagecn	480
ncgngcnnag	cctntttgtg	agaagnen	tcngtnntnc	acntgcccnn	agntagcgct	540
ttngnnntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngetcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5005
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5005

ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	attgtgtccn	120
tgtantctnt	nnggnncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnntnt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctacccng	cncnactgn	atgnngactn	gcattgntnan	cnaanntaac	ctgngagecn	480
ncgngcnnag	cctntttgtg	agaagnen	tcngtnntnc	acntgcccnn	agntagcgct	540
ttngnnntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngetcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5006
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 5006

nttngaaatt	ccatatagna	ntgaacggga	antccccctt	ntgcaggcag	cccatcgatn	60
cgaattcggc	acgagaagan	gtttgattct	ttagataacn	cttttnangt	gctataaagg	120
gcctagttta	aaaggaactt	cttttgaaaa	gcaattaaca	gttgataaag	ggttaaataa	180
aaattatcta	gtaaggaatt	tcttattgga	atgtaaacgt	ggttctaatt	ttaaatagac	240
agtgatataa	agaataaaaa	gtaaacagtg	aaattgagtt	ctccaggga	aaggcagacc	300
tgtttagtaa	aaaaaggatg	cttttttcag	tgatgtcttt	ttttgagtgc	atatgtgtgt	360
gactcttgaa	gaaatccatg	ttcagattta	tcagatgatt	gaagtgggtg	ttctgaataa	420
agaaagctgt	gaggcctgag	gcagtgaccg	tatcaggaaa	catattttat	tggagatttg	480
gaagctatag	taaaacataa	tggcaataag	ccaacttccc	agtggtaaac	ccacagnggt	540
ggnttagttc	taacctcttg	atgaccgagg	aggntaataa	ttggatattg	cagagcagca	600
aatatgtaac	cngngngtaa	tctcanggcc	ncangntaan	cagnttccag	ncagaagccn	660
tagaagaaac	ccctgaccaa	aatttagctt	accccgacc	tangctgccn	gcntatgngg	720
gncnggggtt	cntcnggggtt	taaaagaaac	ctaataactg	nccacaanac	cnttgaccg	779

<210> 5007
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 5007

ctgnnncnng	cgatccang	tagaactcat	gggaactccc	gcagganccc	agggngncga	60
acngngnncg	aggnaccgcg	agagaagggn	gggtttaact	acacactttt	naaccntgct	120
taacanaagt	attatatang	nacagtttca	tacaggaatt	acctcaaaag	ggagtctnat	180
gangagcaac	tacagatagn	tgcaagggat	catacagaag	atatcgatga	taggtgaaan	240
atgcttagaa	gggggtgtgaa	tgtctagcng	ngacnaccat	gtgtatgtat	ccttgacaag	300
cagtataaaa	taccngtgan	gtnttcttta	cattacggga	taangcataa	ggaatcaatc	360
nccatatana	ctatcanccc	taatgnagca	aggggaagta	tntaattgcc	catgatatgt	420
annttactna	tactatgcca	gagaggaaac	tataaagtaa	ttacacangt	aaacttgggt	480
ntttcacana	cgnagggtatt	cattnngagt	acggtgaaga	agaaaaanga	atatacnaat	540
gaactgaanc	cngatgggan	agtatcaaca	agtntntaaa	agcccaggat	tctaaaaaac	600
aataaagggg	cacgggcant	ttttggagtn	ngnacancct	tatgccnant	ggcnaanaat	660
nccaaaaatn	aaaagcggna	accattgggg	aaccccggtt	ggaccntaaa	nggcnaanta	720
aatnggggaa	ccagcnantn	gangaatgan	ggaaccaaag	gggggttagg	caaataagcc	780
aaaacccccca	anaaaanant	nnngggncca	aaannncccg			820

<210> 5008
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 5008

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agagnnnnnn ttttattctt tgnnctetaa nagcttggct actngttctt tttgcaggat      60
cccatgcgat tcgaattcgg cacgaggcca ccttctaagc aagtgatggc ctggctgggt      120
cagtaccctt tgcaccctgc tttttaaatc ttattctgca cactttttca tatctattca      180
tatgattaga catcatcatt ttaatggctt catggcattc cattttatgg gtatattata      240
aagagactaa tacagaatta tgttccttac aatacatgat ttttaaagtt ttaaaagcta      300
actgggggta catgccctca ggacaagaca cataaacaca ttttgtnagc aaaaaanaaa      360
aannaaaaaa aactcgagcc tctagaacta tagtgagtcg tattacgtag atccagacnt      420
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt      480
tatttgtgaa atttgtgatg ctatngcttt atttghtaac attataagct gcaataaaca      540
agttaacaac aacaattgca ttcattttat gttncagggt canggggagg tgtgggagggt      600
tttttaattc gcggccgcgg cgccaatgca ttgggccccg gtcccacttt tgggtccctt      660
agtganggtt aattgcncct ttggcgtaac atggncatag ctgnttctctg tggggaaaat      720
ggtatccgnt cacaatttcc acaacatacg ag                                752

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<210> 5009

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 5009

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tttnnaannn ncagcgttnc cncntttncn ctncgtgaaa ccctttggca annccccccn      60
nnnngcagga tcccatcgat tcgaattcgg cacgagattc tctcaataat ggccagccga      120
aatttcnccg tgccaggcat ctgcctccgc ggggtcatta aactcccaca gtgggtcacc      180
cactgctgat gtacagactt tccaggcaaa ggcctatatt catcaacacc gncagtctta      240
ctgtaattat aacactggag gtcagttaga gggcaatgca gccacttcct atcanaagca      300
gactgacaaa cccagccact gtagccagtt tgtgacacct ccgcgatga ggagacagtt      360
ctcagcacc aatctcaaag ctggctcgaga aaccacagtg tanaatcaag tnaactggaca      420
aacttgaaat catggtggaa gaaacagaca gngttagctc atgatnngat ttggtnctac      480
ctttggcctt gagttcttat tatttacatt ataaanatta actggttnta tattgntaag      540
acaaaacact ggtaaaagtn gcaacacctc cctnntgctt gtataccata aatgggcagn      600
ctctggaaat tnatggataa agcatcaaag aaactgcnnn ngtgctgaaa acgtttctnn      660
ctttnttttag ngcctnaatt taagatactt tactttacnc ccnctngna atctgggnng      720
cangnntctc ttttanggnn tggnaaaana ncggncttcg cccctnntaa acttnnagnn      780
ngtnggggat taccgnaaa cccngacc                                809

```

<210> 5010

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 5010

```

cnaatgctgg tngctngttc tttttgcagg atcccatcga ttcggggcta gcctgcacgc      60
acgccaaagat ggagctccag gctagccac agaacagccc agccgcagcc gtccataccag      120
accagcacct tgtaaccaca gtctaaccaca gcgggcacca ggcggtgaga cctcctgccg      180
ctgccagccc aggatagccc ccttgccctt tgcccaaggc tcaggctacc ccttgaggcg      240
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa      300

```

```

cggagaagggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct 360
ggtctgctgg tgctaccagg cttgaacagt cttcaaattc actgctatta ggcaaattac 420
ctgggtcccc ctgaactcca gcacctagaa ctatgtcaca ctcgtagtag gccgctgcat 480
tggttgaaca aatgattttg aaagaatgaa tgtcttcctc tgtgcctgca ttctctcaga 540
aggctgtaac aaagattaaa taggaaaatt cgtggaaaagt tcaaaaaaaaa aaannnnnct 600
aanantcatn nnannnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg 660
gagncgattt acgtanatcc agacatgata ngatncattg atgagtt 707

```

```

<210> 5011
<211> 666
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

```

```

<400> 5011
atgtgntaac acacataggc tcaangtaaa ggggtggcga aagatctgtt atgcagatgg 60
aaaaaaaaagat cagggggtcac tattcttgta tcagataaaa cagacttttt aaatcaacaa 120
cagtagaaaa aggactaggg cattacataa tgaagaaggg ttcaattcaa caagatttat 180
cctatacaca cccaagattg gagcactcag atttctaaaa ctattatttc tagacctagg 240
aaaagaatta aacggccaca taataatagt ggggggacttc aacacctcac tgacagtgtt 300
agatagatca tcaaggcaga aaactaacia attctgaact taaattnaac agttgactaa 360
ttgaacctaa tagacatcta cagaatactc caccacacaa caacagaaca tacttttttc 420
tcatgtgcnc atagaaaata ctctaagatt gccacatgct ttgtcccaa gcaaatctca 480
gttaantcaa aaaaagattg aaatcatacc cangcttttc agactcctcc atagtaaaaa 540
attggaaatt caacaccaag agnaaactnt caaaaacatg ggaaacttaa acaacttgct 600
cctggatgac cttttggggg aattgttaaa atanggcata catnaacccc ttnttgaaac 660
aatgg 666

```

```

<210> 5012
<211> 802
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

```

```

<400> 5012
ttcgtnttcc cngtagaact tncngcaaaa tcccgtancn gcangagccn atacgatccg 60
ggnccgntga acnaactaga ctacgcngcg ngcnggctg tttnaaanan tggccagnnc 120
ttcttnagnc ngtagctcaa aacctgtgag natcanacat canaaatgng ngaaanntan 180
agccnntnga anacaacatn ngngacaacc nacnanacaa nactatgggg ancagcttnt 240
ccatgtgang catagccang atccataacg anaangaaac cngaaccng gncnntenca 300
anatgnaana cncntgcnt gctgcaatgc ccngcaaagn cgatgaaana acngggctac 360
atacngcgag gaaggactat gcaactgctn ggcaggacta ntgactnnaa nctgngatct 420
nnnnggnact nagaacngaa nnctnnaag gnngacagnc caanttnaaa acngnnaaan 480
gnacngcntt cgacaacaag gntatncnga tntcatctga acacnggaag ggaaacnnaa 540
aacctanac gagnatnngg atngaannng gacnntanta nnaacgcacc ctttaagaac 600
agcttganct cacncnngaa ccngccatnt ttaaccccag ccttggggcac caccaggcaa 660
cgacaccagt ctancaaagn ctnangcnnn naananatna gcncccagcc cngaaacgct 720
gnggccngga atatncaagg aaaccagaac tcttaaaacg gtttccagc nggggaattt 780

```

taaaaaagggg gccaacccct cc

802

<210> 5013

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 5013

```

agcgggnttt taaaccctta tnntatncnc tnngaaacna aatcgcncta aaaggggngg      60
gggcgcgagc ccntnnccac cccattncca aangaggntt cantggggtn nggccngnga      120
ccattatccn nccccattcg naccnntaaa nogetctatc aantacaana ncatgacctc      180
cnetncatct ntctnctacn cttnctnana cantattnan tccacttgat ttttttttct      240
ttaanactan ttatattact gctnctcggn gnetgentac cnttnccatg ctaaggctgg      300
nacancagnc ctgngnncna taccgtgnaa tccnccagga nancnancce ctngnancg      360
gaggnccegc annnccccnn atgcnnatag antagttnca nggactnnag ntncnatcaa      420
caactnnctn gnggngcagn ccnctnncc ttnnecagng ccntnancct acgggganct      480
gnatnatncn ctntntcata tgnaatccnn tnttnnctcg gtntggngca caaacgannn      540
nntactagga antcttctct natagnccnt aanannacaa ngaatgggat taananctta      600
ncccccttngg ctccanggna gaacancnnc ataccnnttn gggntttngn ntaanaantg      660
tctnannng gggnantaac taangnnacc cctantnctt nntcgatccc cctanaagaa      720
ntnttctct atctttctct ccaagtacag ancncntagn naaaggntcc catntctatg      780
ngncntnctn tttganacnc tnnctgngng acccactttg nctnngaang gncatnccat      840
ntnaanctta accatnngnt tattgnnctc gccc                                874

```

<210> 5014

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5014

```

agttcatcct ttcnaatngc ttggetactt gttctttttg caggatccca tegattcgaa      60
ttcggcacga ggtttttttt tttttttttt ttatagggat cactttttatt tcaaacaatt      120
aaatacaaac caatatTTTA ccccttcata gatgaaatca catcttttca ggatatgagt      180
ataaagtaac aagcctaggg cagagcttgt actgacaaag tcttgaaact acaatgagag      240
gaaacacatt gctctacttc gggataagtc atgaccgaga ctcaatttca gagacgctct      300
atgaacagag gtgcttgaag ccacagtggc agaagggaaa gatggggaag tgtgccgaag      360
agcctccagg catgacagac agtcccctga ccaagcaca gtaacaggcc ctttgggtct      420
ctgctttctca ctggaaaatg atgaagccta natctgatga ctccctagtgc caacatttaa      480
caaagttcga aagttatgca ggacttcaca catgtacgga atggctgtat cacagaatat      540
tatgccgtta gaaagttcac ggncactatt acctagcttc taaaattttt cagaagaaac      600
agcagactta ttaagtggaa tcttaaatTA aagggtattan catttttaatg gaaataaatg      660
gaaaccagag caggggaacc caaagagccc anttagggga aagaatcctg aaaaaagtnt      720
ggntttacac cangnancag cntttgaaag aaaaaccctt nttggatttt tttccanaa      780
na                                782

```

<210> 5015

<211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5015

gccccccnnn	nnnnnnnttt	tcaaannccn	ttnnnnnnnn	nngnnnnnttt	tannnnnttn	60
ttannnnaca	gctcttggtc	tttttgcagg	atccctcgat	tcgattcggc	acgagctacc	120
ttgggctggc	cctctatnat	gctntgaggg	gagctgggac	agatgatcnt	ncctctntca	180
gngtcatggn	tnccangngt	gagnttnatc	tgccnnacat	ngtgacggag	tttaggaaga	240
atgntgccnc	ctctntttat	tccatgatta	aggganatcc	atnnggggac	tataagaaaa	300
gcnnntttnc	tgctntgngg	ncaanangan	tnacnngncc	cgggnnanag	ctcctatgct	360
gtntgcctgc	accacccctc	gccttccttc	atacctttcc	ntggatatgn	atgccagggc	420
ttnnacacatt	gcctnattna	tactnacntg	ctnatgacca	anacatncac	gtgataacac	480
aaacantggg	tgcttgnttc	tgatcnctag	aggnganctn	ttggnnngnt	ggagnactna	540
antnttctna	gtgtnacttn	agttcaatgc	ctggccatnt	gcnatnacct	tatatcntnc	600
aaagaggcta	ctgtgctttt	ancctttttt	aaaacctcca	tctgtattac	attgnaaacc	660
angtttcttt	aatnaggagc	ttgacctcta	nantgggaac	tcttggaat	ggnccttagtg	720
aagttcgcn	ctaacttaac	ctgaaaatta	tnatgnnctg	tttnacctat	catgttnata	780
actnt						785

<210> 5016
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5016

gccccccnnn	nnnnnnnttt	tcaaannccn	ttnnnnnnnn	nngnnnnnttt	tannnnnttn	60
ttannnnaca	gctcttggtc	tttttgcagg	atccctcgat	tcgattcggc	acgagctacc	120
ttgggctggc	cctctatnat	gctntgaggg	gagctgggac	agatgatcnt	ncctctntca	180
gngtcatggn	tnccangngt	gagnttnatc	tgccnnacat	ngtgacggag	tttaggaaga	240
atgntgccnc	ctctntttat	tccatgatta	aggganatcc	atnnggggac	tataagaaaa	300
gcnnntttnc	tgctntgngg	ncaanangan	tnacnngncc	cgggnnanag	ctcctatgct	360
gtntgcctgc	accacccctc	gccttccttc	atacctttcc	ntggatatgn	atgccagggc	420
ttnnacacatt	gcctnattna	tactnacntg	ctnatgacca	anacatncac	gtgataacac	480
aaacantggg	tgcttgnttc	tgatcnctag	aggnganctn	ttggnnngnt	ggagnactna	540
antnttctna	gtgtnacttn	agttcaatgc	ctggccatnt	gcnatnacct	tatatcntnc	600
aaagaggcta	ctgtgctttt	ancctttttt	aaaacctcca	tctgtattac	attgnaaacc	660
angtttcttt	aatnaggagc	ttgacctcta	nantgggaac	tcttggaat	ggnccttagtg	720
aagttcgcn	ctaacttaac	ctgaaaatta	tnatgnnctg	tttnacctat	catgttnata	780
actnt						785

<210> 5017
 <211> 1425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1425)
 <223> n = A,T,C or G

<400> 5017

cntnttaaaa	aaatattgaa	ggcctntgtt	gggaaccctt	tnggggggnac	ccttggganca	60
tttttgggng	nncccnctt	naaaacnadc	aagaaaaata	atgggnggggt	cttttnnggg	120
ggnnncncnn	nnncannnn	ccnatnnann	nnnnnnntc	nnnnnnnnnn	atntnacata	180
nanncncnc	aanancnca	ccncttnncn	tnncnccctc	nnnnnnnnnt	nnacnncnac	240
ntnnnaannc	acnannnnna	ntnnnnncna	ccnatnccn	atnccnncnn	ncannnanc	300
ancnancnnc	tnntanannn	nnnatncccc	nnnnntnta	nnctctccta	ctccatncna	360
cntncccnac	cnntccatct	naaacnannc	nnantnanct	ncnannctc	ncnncaaann	420
naatnnnnnc	cctccacaca	cantnnancc	tctacnnant	ccacnccann	ccnncntca	480
nncccnacac	anncnntcc	nacnncnnct	cannacntta	acannacnaa	ccnccccatn	540
accanaccnc	ccccannct	ncnccntnac	tnncnancan	cannnnnnc	ccnactnnnc	600
nccnactcna	accannann	tnntatnct	cncnncnnn	nnnncaaanc	nannnacncc	660
ncnnnctcat	ccannntnnc	cncnnanann	tctnnnnnc	ctcaccannc	acncccnncn	720
acanactatc	tctatacnca	ccnncctnnn	nnnnnnnnn	nnccancnca	nacanncnnc	780
actcctnnn	tannnaaccc	cnnncnncn	ntnccntnn	accanacnnc	cncnnnnaca	840
ntantaccna	ncnnnccnac	nanancnnc	nnntcacnn	nnnnntntat	cnantnctct	900
nnctnnatnn	cncttctna	nnnannncn	aacnnnncc	ccnncanctn	atacnantnn	960
nnactnannn	ncatnancan	anannnnct	atannacaca	cnntanacta	cnctacnctn	1020
cannnactnt	cncnannanc	tnncancana	nacnnnnnc	nnnnntcann	cnnnnanac	1080
nctcancann	ancnctnan	ntncanann	tacnnncnt	nnnnanant	cactcncnan	1140
nnatcactcn	cnnnnncnt	nncccannc	nnncnnnc	anactcnnta	cnntatactn	1200
ctncccttan	tnnnantct	ancnnnnctn	tcnncntct	netcantcnn	cnccctctct	1260
atacnnctn	atntnncann	tnnnannnn	ctcctctncc	ctcnacctnc	ntccacancn	1320
cncactcnn	natacncnnc	cnantccatc	nacacnatca	ctctncacnc	acnctntcna	1380
ctactantnc	tctnaacta	canacccanc	ncnntnncac	ancct		1425

<210> 5018
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 5018

ggccccnnn	ntttttttt	ttaaaannnc	cccctttaan	aacnnggaaa	aaaaaccnc	60
cttttttttg	ggccctnaac	ctttnggcn	ttcctttttt	tttgggccc	gggggnaatc	120
ccccnatc	cgggnatctt	cccggaat	ttncggggg	ccaaccggaa	ggcccagggg	180
ggaacctggg	aatgggaagg	gggtnccttt	taaacaaaa	aaaaactntt	gttgggtngg	240
gnccannnn	nnnananana	nanannnnn	nnaaaaatcc	cttaaaaaaa	accaaaaacc	300
aaaaccanaa	aaaaaaaaac	caaatttctt	tcatttccan	aaaaaaaaatt	attctttang	360
gggacctgga	atattgggta	aattatgggt	caaantntaa	taatatattg	gggcattcct	420
tacattgctt	gcaagataaa	atgctgtgcc	aaaatttgat	tttatattgga	gacttcttat	480
caaaagtatg	tgcaaaggaa	gctaggatag	agtgtccatc	cttggtgagt	gnttctaaaa	540
tnntttctga	tgcatatctt	acttggtggg	gagagatgnc	cagctcctct	gtcttgaata	600
acttattgct	tgtnncctaa	ctttgtagaa	tggttttcgg	aaaatagaaa	tctntatagt	660
nagataatga	taatgttctt	atttatattga	ctgcaatgca	ataaaatctt	tgntaaaaaa	720
aaaaaaactc	ggcctaactt	agtgcgcgtc	nanancgctg	aagacattgt	gagtggcacc	780
cactgatgng	gaan					794

<210> 5019
 <211> 957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(957)
 <223> n = A,T,C or G

<400> 5019

gtnattctan	tnnancnctt	tcacnnaccn	ggtacccccac	ccgggtggaa	aatcgatggg	60
cccgcggccn	ctctagaagn	cntnngtgng	tcacangntt	ntccccctat	ggcctcacaa	120
agtgcnnna	ttatacgct	naatccantg	ngnntggcct	anagtnnnag	tanncatgat	180
ttnnngcnn	tgcttgcct	ggnttcctaaa	ngnagnggac	ctagctgntn	atcaattntt	240
ntgagctaaa	ctgnntagnt	ccannncctn	ntgatantct	ccntnnanna	tcgagggtatn	300
actagattaa	ctnggnaacn	nacanggatc	anatncactn	ataatanacn	nnatnaatna	360
nntcnacact	natccnnctt	tngetnnata	tntgnanaaa	caannnactg	aaaacntnta	420
ttntttaaag	nnntnccgnt	tnatgactca	gttnccnaaa	gctntatnnn	tattntgntg	480
tgtnnatata	caanctnnnn	ncnnnnnct	tgtttgntnt	gctcntnnnn	gtttcaaana	540
gaataanaaa	nctnnnnnn	nnctaagana	nacattentn	agctnactat	ncnntactcn	600
atnatnattn	tatgccaana	ntgtagccnt	ccnnatntat	nnctaaaaaa	ttnacgncta	660
tataannacg	nacctttnca	tanceggntn	taannccngg	ntngatctcn	catnatntcc	720
tataaanngt	gtntatacgt	tnactcccaa	tcttnccnta	cgtgaaaacc	nttntttctc	780
attnaatnaa	aaacggtgtc	taaaaanncg	aanntnaccc	ttgctgctct	tcacgnaat	840
ntatacnnta	tcntatcgna	tnttanncat	agaatncntc	tcttaaagng	cngncaatna	900
cnnaccntnc	gncttatgnt	gntngattcc	ccctctntca	naannccca	aaanncc	957

<210> 5020
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 5020

gtnttccttt	caaattngctn	ggctacttgt	tcttttttgca	ggatcccatc	gattcgngta	60
gccgaccngc	tgctgtnnnn	ggtgcttgnt	acgaacggtg	ccacnannct	gagantngtn	120
acnctaganc	tgnaaacntn	atngttnnct	gcctgnatna	ccnagnaggc	tnnnatactn	180
aagatngcaa	tnctgannaa	ncctgcntna	tgtnccnnng	tctctnanta	ccagannttt	240
gannnnnttac	tggnnttatta	gatggctatt	atctctaaat	tcnggatgcc	tacctggctt	300
ataacctnaa	ngaattnact	ggagnactcn	tntatgatnt	tctgcccacc	tgtgatnnta	360
cccatgaaca	cgtnttggat	actgngaaat	atcggatnta	ntgccatcct	gcttnatgga	420
cntntnactn	agantaagcg	cntaagannc	nttaataagt	ttaaggccan	ngccnnntnn	480
attctttctag	naactgncat	tgccaangcn	aggtcaggac	atacctnatg	tagatgatgg	540
atgggtcaact	aatgacatnc	ctgaccatt	ccangngatc	accntccatt	ngaattgggt	600
cctagccang	atttgaagct	tgggcgctta	cggganaang	ncncttactn	tttgggtaan	660
acaagtgttg	anngggtggg	naanttttta	acaaacgcca	tttggaacac	ttttaattgg	720
gngaataaaa	cttcccccg	gtnttgggaa	aacnccgatt	gntgaaagg	taatgaatgg	780
gtnnccctgga	acggnggtaa	ntttggaa				808

<210> 5021
 <211> 788

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 5021

cttaannaat	ncnttatcgc	ttggctactc	gttctttctg	caggatccca	tgcgattcga	60
attcggcacg	aggtactntg	agtgtttggg	ggttnnncac	acacatgcaa	ttntgcttaa	120
caaaagtatt	ntataatata	gnntcatata	gaattacctt	aaaagggagt	cttatgtttt	180
caactacaga	tagttgtaag	ggatcatata	gaagatattg	atgatagttg	aaatattctt	240
agaaggggtg	tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	cnagcagtat	300
aaaatacctg	tgatttttct	ttacattagg	gataatgcat	aaggaattaa	tcttcatata	360
tattatcatc	cctaattgtag	catggggaag	tatttaattg	cccatgatat	gtattttact	420
tatactatgc	catanaggaa	actataaagt	gattacacat	gtaatcttgg	gtttttcaca	480
tatgtaggta	ttcattttga	gcaagggttg	aagaacanaa	naaatattta	aatgaattga	540
attcctgatg	ggatagtatc	aataagtatt	taaaanccna	gtattctnaa	aatattcagg	600
ggtanggggtc	atttttgagt	ttgggnnttc	ttttncgaat	gggtaaatat	ttcaaaattt	660
aaanggggta	caattgggtg	ncctgtnggn	cctnaaaggc	cttttatttg	gggnaaccag	720
ccnttnngaa	tnnatngaac	caaggggggt	ttagccaatt	gccaaactcc	tataanttga	780
tttngcc						788

<210> 5022
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 5022

gnnctaattg	nnggctatcg	aactnccgna	nanaacgngc	ntncgaattc	ggcacgagag	60
gttgctcacc	tgaaggagca	caggagggtt	ttccaggcca	tgtggctcag	cttcctcaag	120
cacaagctgc	ccctcagcct	ctacaagaag	gtgctgctga	ttgtgcatga	cgccatcctg	180
ccgcagctgg	cgcagccac	gctcatgac	gacttccctc	cccgcgcctg	cgacctcggg	240
ggggccctca	gcctcttggc	cttgaacggg	ctgttcatct	tgattcacia	acacaacctg	300
gagtaccctg	acttctaccg	gaagctctac	ggcctcttgg	acctctctgt	ctttcacgtc	360
aagtaccgcg	cccgttctt	ccacctggct	gacctcttcc	tgtcctctc	ccacctcccc	420
gcctacctgg	tggccgcctt	cgccaagcgg	ctggcccgcc	tggccctgac	ggctccccct	480
gaggccctgc	tcatggctct	gcctttcatc	tgtaacctgc	tgccgcccga	ccctgctgc	540
cgggtcctcg	tgcaccgtcc	acacggccct	gagttggaag	ccgaccctta	cgacctgga	600
gaggaggacc	cagcccagag	ccgggccttg	gaaaagctcc	cttgtgggag	cttcaggccc	660
ttcagcgcca	ctaccaccct	gaggtgtcca	aaagcccga	gcgn		704

<210> 5023
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)

<223> n = A,T,C or G

<400> 5023

gnnnnnnnnn	nntttgttnc	taatngcngg	gtggctcgnn	ctttcncgca	nnagcnnngc	60
ngtgtcgaat	tcggcacgag	atttcaattc	atagcaaact	ggtgttttaa	actattgcag	120
tagctggaac	tttttagtgt	aaccagcatt	tattggagaa	gtgaatcaca	aggaaataaa	180
gatgagtaaa	agcaaagatg	atgtcctca	cgaactggag	agccagttaa	tcttacgtct	240
gcctccagaa	tatgcctcta	ctgtgagaag	ggcagtagag	tctggtcatt	tcaacctcaa	300
ggacagactg	acaattgagt	tacatcctga	tgggcgtcat	ggaatcgtca	gagtggaccg	360
tgttccattg	gcctcaaaat	tagtagacct	gccctgtgtt	atggaaagct	tgaaaaccat	420
tgataaaaaa	actttttaca	agacagctga	tatctgtcag	atgcttgtat	ccacagttga	480
tgggtgatctc	tatcctcctg	tggaggagcc	agttgctagc	actgatccta	aagcaagcaa	540
gaaaaaggat	aaggacaaaag	agaaaaagtt	tatctggaac	cacggaatta	ctctgcctct	600
aaagaatgtc	aggaagagaa	ggttccggaa	gacagcaaag	aagaaatata	ttgaatctcc	660
agatggtgaa	aaagaagtga	aacgattgct	gagtacagat	gctgaagctg	ttagtactcg	720
gtggggaan						729

<210> 5024

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5024

gtnnctaata	gnnggctant	cgttctttcc	gcagganccc	ntcgantcga	attcggcacg	60
agctctatct	tggtttattgt	tgatgccatc	ttagaggaaa	aaatgtaaaag	gtaagtaatt	120
aagcatatga	cagcaacaaa	taagatactt	ataacctaata	gggactttat	tttgtagttt	180
tatgtattac	aaaaaatcca	cctttctcta	aggggaagtt	tgtaccccat	tgattccttg	240
tgcctttggg	atcgactggg	ttttaatggc	ctagttattt	gaggattttg	ctgtgttggt	300
ttccatgtct	tctctgggtca	ccttggatta	tatatataaaa	tacaggaaat	agataaacat	360
gaatgtgatt	aataatgctg	aaaaagtatt	agcctaccaa	agacacactc	aggcttttagt	420
gaataacttt	acataacctc	agtttttaac	acatgcatat	cttctccaac	catgaaatca	480
aagcacggtg	cagaacttgt	accaagtaca	aaagggtccat	gtatgattag	cattatttttc	540
ttttgctttt	gtttatggac	aatgttcagc	tgacataaag	agaagttggc	caaaatactg	600
cctgtactgt	taatttcctg	tataattcac	ttaaataaaa	gcagggttaac	ctcaatgata	660
gcagttaaaa	tggtctatct	tatgtatttc	ttttaagtatt	taccaa		706

<210> 5025

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5025

gtnnctaata	gnnggctant	cgttctttcc	gcagganccc	ntcgantcga	attcggcacg	60
agctctatct	tggtttattgt	tgatgccatc	ttagaggaaa	aaatgtaaaag	gtaagtaatt	120
aagcatatga	cagcaacaaa	taagatactt	ataacctaata	gggactttat	tttgtagttt	180
tatgtattac	aaaaaatcca	cctttctcta	aggggaagtt	tgtaccccat	tgattccttg	240

tgccctttggg	atcgactggg	ttttaatggc	ctagttat	gaggattttg	ctgtgttggt	300
ttccatgtct	tctctgggtca	ccttggatta	tatataaaaa	tacaggaaat	agataaacat	360
gaatgtgatt	aataatgctg	aaaaagtatt	agcctaccaa	agacacactc	aggctttagt	420
gaataacttt	acataacctc	agtttttaac	acatgcatat	cttctccaac	catgaaatca	480
aagcacgggtg	cagaacttgt	accaagtaca	aaagggtccat	gtatgattag	cattattttc	540
ttttgctttt	gtttatggac	aatgttcagc	tgacataagc	agaagttggc	caaaatactg	600
cctgtactgt	taatttcctg	tataattcac	ttaaataaaa	gcagggttaac	ctcaatgata	660
gcagttaaaa	tgttctatct	tatgtatttc	ttttaagtat	taccaa		706

<210> 5026

<211> 968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(968)

<223> n = A,T,C or G

<400> 5026

gtaccaatgc	tttgctactn	gttcttttgc	caggatccca	tcgattcgaa	ttcggcacga	60
ggcggacacc	aagtctggac	cacctcccgc	tgcgtttnc	actcanagaa	acatcnnggg	120
cgnggttaan	acacggnatn	acnggaagca	nganncnng	cancagcna	gnntgggggc	180
ctggcnctgc	nngctangcc	aggatgncca	tccnccctt	tanactgtcc	cttgnngcct	240
gtgctnnntna	aantggtnnc	ngtnagcnct	gccngnttnc	cntattatnc	ccacnctnng	300
cttctnaatn	ctttatgntc	cntntnanan	naccttncta	tactgtancc	catcttnctn	360
tnaatnnntt	ttcanggatc	tntnatattn	tnttncaaan	tcnncnatan	tnantnatta	420
ngtntnngan	ttncattcat	attaanttnn	antncattnn	nctngttnan	nnttnttctt	480
tctnnnnngn	ttncnnnttc	ttataatnng	taatttantt	nctnntatc	tacttnttan	540
ttctttcaat	cttnaatnt	ntttacatnn	nctnctcacc	cgntnttaac	nntntcattn	600
ttactctac	ctttctctnt	ctgtnttaac	ttactnatna	tcncttceng	ttntttatat	660
ntnattcnct	ctnctcataa	anctatctnt	nctctcnca	ttcttgactt	tcnctctccn	720
tctcttatat	ctctcgtctc	ctencaatat	ntctctatcc	tctntcnttt	cacattctta	780
ttntnchnatc	nttcgggnntn	tctncttntt	ctctctntaca	cnttctanac	ttctatnant	840
cttcaactcat	nncnctntnn	nntcnacatc	ttacnnnnng	tgcttnttan	anntttannt	900
acatanenta	ntcctcta	ctatatntca	tannactcta	ttgcttntnt	tctcnnaatc	960
acacnanc						968

<210> 5027

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5027

gnnnnttnnn	nnttttttgg	gtcttnccgt	tgttcttnt	gcaggatccc	atcgattcga	60
attcggcacg	agggatcact	tgagcccagg	agtttaagtc	tgtattactg	gaaagggggtc	120
ccaatccaga	tcccaaacaa	gggttcttag	atctcacaca	agaaataatt	cagggagcgt	180
ctataaagtg	aaagtaagtt	tactaagaaa	gtagaagaat	aaaaaatggc	tactccacag	240
gcagagcagc	tccttggggc	tgctgggttg	cccattttta	tggttatttc	ttgattatgt	300
gctgaagaag	gggtgggtta	ttcatacctt	ccctttttta	aatcatatag	ggtaccttnc	360
tggcattgcc	atggcatttg	taaactgtca	ccggtgcttg	gtgaaaagtc	nacanttgag	420

```

ggccaaccca aggncaactct nattggccat ctttgggttt tgggtgggatt cttaccnngn      480
ttnttttact gcaagctggg tttatcatca aggnctttat ganctgnatc ttgggctgan      540
ctccgatctc aatctgncaat cttaaaacgn ctnactgtct nggatngtaa ccccaatagg      600
tctnaaacct tantttaccc caacttctat ttcaagatgg aatttgctct tgggttcaaa      660
atgccctntt gacaagcanc cagtnaacct nttcancata cccacttgga ntttcaancc      720
tgggggtggac aaaaaccaat taccctntt tttaaaaaaa aaaaaaannn nnnnnnaaan      780
na                                                                    782

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<210> 5028

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 5028

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gnnntttnnnn tttttaangg ctttggcttg tcntcttagg atcccatcga ttcgaattcg      60
gcacgagtga acttgttcat tttgttttgn ttgggaggaa aataaacaat tttacttttt      120
tccttttagga gcattatgag cattatgtca gaatagaata gaattggggg tccgatcttaa      180
caggccagaa atgcctgggt ttttttggtt tgtttttggt tttgtttttt tatcaaatcc      240
tgctgactg tctgcttggt ttgcctacca tcgtgacatc tncatggctg tccaccttgt      300
cgggtagctt atcagactga tgttgactgg tgaatctcat gggacaccaa tcnaanggct      360
gctgacattt tgggatcttt cantntganc attcanatcc aaggctctcan ttaaaccatt      420
ccngcatcat tgnttataat cngaaactct gggccttctg tctggngggc ttaaaagctt      480
ttgggccata tatgaacaat tattgaagga ggattttatt ggagaaatgg gggataggcc      540
ttcatggacc ccccaattaa ttaagggaaa aactnaactg cantgggggg gttttgnaaa      600
aagggtattt antaccttct ttaaacnaat tccttttttt tttcanggga cttttttcta      660
agcctggnat tgnaccgggt aacnnttgga accctttctt tttggaaaaa aaccattttt      720
cccnaaaaaa agggcccccct aattttttta aaaaatgggaa ttttaaccntt ttttaanccn      780
aacnnttaaa antttttttt ttttnn                                     806

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<210> 5029

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 5029

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tgntnttcta atgctggnnn ctcttggttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagggac tcagagcctg ggaaggaggc cgctatgcag ggtagcactg ggaacaggag      120
accacactga ggctcagccc tagccctcag cccacctggg gagtttacta cctggggacc      180
cccttgccc atgcctccag ctacaaaaa attcaattgc tttttttttt ggtccaaaat      240
aaaacctcag ctagctctgc caatgtcaaa aaaaaaaaaa aaaaaaaact cgaggcctct      300
agaactatag tgagtogtat tacgtagatc cagacatgat aagatacatt gatgagtttg      360
gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt tgtgatgcta      420
ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac aattgcattc      480
attttatggt tcagggttcag ggggagggtg gggagggttt ttaattcgcg gccgcggcgc      540
caatgcattg ggcccgggtac ccagcttttg ttccctttag tgagggttaa ttgcgcgctt      600
ggcgtaatca tgggtcatagc tgtttcctgt gtgaaattgg tatccgtcac aattccacac      660

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aacatacgag ccgggagcat aaagtgtaaa gcctgggggtg cctaattgagt gancta 716

<210> 5030

<211> 1206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1206)

<223> n = A,T,C or G

<400> 5030

nggggncgat	ttttcnaaaa	aatntcccn	ggngaacggg	gncaccttgg	gggncannc	60
cangaaccnn	ttttgcnaaa	aacccnttt	ggcncnaana	nnaccnngn	nnancgnct	120
accnacnca	anccnnncn	acnccanng	gancnana	accgcnctc	nnntaccan	180
actanacnc	ncntaaacna	cacnaancg	cacnnacanc	accacacgta	tggtaacnn	240
nccangcacg	agcacancac	nncnaanagc	ncgccactaa	cggggcgggga	cnacncgata	300
canannnacc	nagnaancnn	acaacanacn	ctacacncga	cnaacaancn	nccagntncn	360
aanccgccag	acnccccann	tcangnacaa	cncccnccac	accaccaga	nnagaccacn	420
tccccnnnca	ccaccnaac	nannnaaacn	accctncatc	angaaccncc	caannncnnc	480
cnacncaccc	nacnncccc	cannccacng	ncnanccnaa	nagacacca	ccccacacc	540
ctnncncna	anaacacntn	acaccaccan	ancacaacaa	naaccntncn	ccannaacn	600
nanannnnnc	cacacnnccc	nancnctn	nccaanccac	accnncnnc	ncnancnca	660
ancacnccn	anctncactc	nacancanca	cnancccaa	tancacacca	nccaccacca	720
aannccactc	acacncanac	tatacagcng	acnnnaanca	cctcanancc	nnnccnccn	780
cnacnnctc	ncnccacca	nancnacaga	ctcanctncc	agcannccac	nnccgcccnc	840
tnnctcnnnn	acancacnca	tnagcanccc	ncancgnnca	caccncacca	ccnnacancc	900
aatnccccacc	cacatccnnc	cncnctcct	atancaancn	cccaanccga	ccgactnca	960
ctngctcag	canacatcnc	gncgcnctn	cnacactanc	nacnncacc	tnactctnac	1020
nategcanc	atcgntccnc	ncnnancaca	nnnnannng	annatncnnc	cctccacata	1080
ccactacanc	atnacngcnn	ccnnnatcnn	nacatcnacg	ccaancncca	cacgaaccnc	1140
acgntaacc	atcacgacna	ccccaccacg	acnngctaan	cgacnacnct	atccaagcnc	1200
tnccg						1206

<210> 5031

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 5031

gagngggnnn	ttngnnagn	nnnnngggn	nnntnnaaag	ncagctcttg	ttctttttgc	60
aggatcccat	cgattcgca	gttttttttt	tttttttttt	tatatatact	gcaattttat	120
ttcaatcgca	caaacgaagt	tagcatgtag	gaaacttaaa	tgaaacaaat	ttaaaccgaa	180
tagttacgg	aaaaatagca	gaaaactgaa	aattctaaaa	aggaagtaca	cctaaaagca	240
tgagaattca	acattcatta	gtgtttcatc	ttcagttttg	attgacactt	gatgcttgca	300
aatttttaaa	caaactttta	aatcatgatg	actattctga	agagatttca	gcaccagcac	360
taagatttgt	acattcagtt	tgtttgcaat	tgacttggtga	gccatttaca	tagtggatag	420
tacagacttg	tcacaggtca	gatcacagtg	ttgaggaaaag	cagtgccttc	ctgtcattag	480
aaaggatccc	ctaaactgtc	tcagcttaag	acatccaacg	tacaagagca	caaaaccatc	540
ataataatgt	ggttccaagg	aacgtggttt	tgataaggta	aataacttag	gcttctgttt	600

cccatttttaa	ttctgaaatc	tctaataatg	acacaactgt	catgtatgat	agcaaagtga	660
tataataatt	cattcagact	tcttggaag	aacatttagc	caatctggga	tgatgggaaa	720
tntagcatga	ttcaacactg	ggtttttttt				750

<210> 5032

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 5032

gtntttttaat	ttccaactct	tgtctttgcg	gaccctcgat	tcgaattcgg	cacgagggtg	60
ggtcctggct	tcctaaaga	taattggaag	acttcattgg	attgatagag	agaaactgcg	120
taatttcatt	ttagcatgtc	aagatgaaga	aacgggggga	tttgagaca	ggccaggaga	180
taaggatga	aaaggatcca	ccatatctta	tttgggaattg	ctggattgca	cttttgggag	240
aagaacagat	taaacctggt	aatcctgctt	ttgcatgcct	gaagaagtgc	ttcagagagt	300
gaatgttcag	cctgagctag	tgagctagat	tcattgaatt	gaaagtgtgca	tagtatagtt	360
ttgccatttt	aacatttctg	natttgaaag	tgcttatccg	aatctaaaag	tgactactgg	420
taatattttg	natattgggt	taaattaatt	ttaataaatt	atataattat	acatatggga	480
aagcctctta	gaactatagt	gagtcogtat	taccgtanaa	tccnggacat	ggattaggat	540
accattggat	gaagttttgg	accaaaccct	caacctngga	atgccaatgg	aaaaaaaaat	600
ggctttttaat	tttgnggaaa	attttgggga	aggcctattg	cctttttaat	tggtaaacct	660
ntttttttaa	cctggccaat	ttaaacccaa	ggtttttnaacc	aanccaancc	naatttggcc	720
attnncaatt	tttaaagggt	tttccaagggt	ttccangggg	ggaaagggtt	tttgggaaaag	780
ggtttttttt	naaaatttcn	ccggggcccc	cngggngccc			820

<210> 5033

<211> 826

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(826)

<223> n = A,T,C or G

<400> 5033

nnctngnngt	tctaattgctt	ggngnnctng	ntcgctggat	nggatcntnt	cgttgccttg	60
tnnactnggc	nngacnngnn	tctgcnngc	cgttgannca	cgnnntantn	cnccaaangt	120
anatgatgtg	gtatctnatg	tcnncatcna	ngnttngaana	aacccaaatg	ncctnacntc	180
gnaganaccn	tgtcnncant	nggnnatncn	caattnttcc	aggcntgann	nncntgcct	240
gnncnncnag	ntacncanta	ggcctaagca	gganactnnt	ttntaccan	nantgttagg	300
nnnnggtgac	ccnanatcnn	gctnctgnac	tcnggnctgc	gtgacatagc	tagactctgt	360
ctnanantca	agccctcaaa	gctngaacgt	nttatacana	ccctgtgtna	attcngangt	420
gaaacgctgn	tgctactgn	aaatggggat	ttgggttagc	gatnanatag	gctaaatcac	480
ntntnntatc	gtgatcctng	ngtananttc	tgcccgaatn	ggtngtacgc	ntatannaan	540
atanttcntt	gtnngatanc	atcttcctac	cntananttt	ctngaaaaan	aaagtttggg	600
ttttgacnan	cactnncaen	atggnnntng	gttgggtgcc	tgcttgcttg	gtttgnaatt	660
tnnagcccn	taanaanact	tnntnngngt	netggaatan	ccgtnnnatt	ccngacatc	720
atntntagcn	tcnttgntt	naantggggg	nnannaccna	nttgtttttna	attcngantn	780
aangaaaaat	gcccntnttt	nncgaaatnt	ttttgtggnc	ctttnc		826

<210> 5034
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = A,T,C or G

<400> 5034

nnctngnngt	tctaagtctt	ggngnnentg	ntcgctggat	nggatcntnt	cgttgccttg	60
tnnactnggc	nnnacnngn	tctgcncngc	cgttgannca	cgnnntantn	cnccaaangt	120
anatgatgtg	gtatctnatg	tcncnatacna	ngnttngaana	aacccaaatg	ncctnacntc	180
gnaganaccn	tgtcncnant	nggnnatncn	caattntntcc	aggcntgann	nnccntgcct	240
gnnccnncnag	ntacncanta	ggcctaagca	gganactnnt	ttntacccan	nanagtgtagg	300
nnnnggtgac	ccnanatcnn	gctnctgnac	tcnggnctgc	gtgacatagc	tagactctgt	360
ctnanantca	agccctcaaa	gctngaacgt	nttatacana	ccctgtgtna	attcngangt	420
gaaacgctgn	tgctactgn	aaatggggat	ttgggttagc	gatnanatag	gctaaatcac	480
nttntnatac	gtgatcctng	ngtananttc	tgcccgaatn	ggtngtacgc	ntatannaan	540
atanttcntt	gttngatanc	atcttctctac	cntananttt	ctngaaaaan	aaagtttggn	600
ttttgacnan	cactnncacn	atggnnntng	ggtgggtgcc	tgcttgcttg	gtttgnaatt	660
tnnagcccn	taanaanact	ntttnngngt	nctggaatan	ccgtnnnatt	ccnngacatc	720
attntatagn	tcnttgtntt	naantggggg	nnannaccna	nttgttttna	attcngantn	780
aangaaaaat	gcccntnttt	nncgaaatnt	ttttgtggnc	ctttnc		826

<210> 5035
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 5035

gnnnnnnnan	atcagctcct	tgttcttttt	gcaggcagga	tatccnacgc	taattctgca	60
cgcacgaggc	taaggttaca	nnagnatgng	ttnccttgat	nacaggtcac	tctcncaaga	120
tgcgctnnct	gcagtcagnt	gcataactng	tnaaannacc	nganatagna	ccanctttat	180
atgggtatgac	agtgtnnnca	gtgggagcaa	nggttggtcca	tagcctgcct	atnatatcac	240
cnatatctgt	gaacacactc	atngcagant	cagggncagc	natctgntna	atggacttgn	300
attatgtntg	naccntngct	tnctgtngac	ncngnntgag	cgcaactttc	cttangggacc	360
ttanggnacc	nnnntnaacn	tactttncan	atgatggnnn	ttntgtcaat	cccggatngn	420
tncacggtnn	cnnatggcna	aagncncnac	ctttatntna	cacgttgaca	ttactttacg	480
acnctagtca	cactnttgga	ctccattgtc	cacatnccctg	ntntatgana	acnttaaggt	540
tttactttac	aananntnna	ccntggcntt	ncaaagtatn	nnccctgcng	acctttcatt	600
ngcaagggnc	ctanactttt	tgcatngaaa	aatttttaggt	aaagttgctt	ttccgctttt	660
agngcccttt	cctaggggta	ttaatttggt	tggggntcct	tnccctntac	ttcccccttg	720
gccccgnttt	ttcncnttn	nggaaanccc	cccccttaat	tnnncccccg	tgnttttncc	780
ccncccnca	aaaccnggc	aaaattaaag	gggggggaaa	attgccccct	tnnttttaaag	840
cccgaagg						848

<210> 5036
 <211> 715
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 5036

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ngnnnnnttna aanatacagc tggtcttttt gcaggatccc atcgattcga attcggcacg      60
agggctatta aaaatgtaat cagtgtgaaa attcatgcc a tctgaatcgt acgagtatgt      120
aagggaatttg agttccttac agaattttct gtaatttagt acttcaagtg acttataaat      180
gtatatactt ctctctcaca aaagtgttag gagaaggaaa atcttaaata ctagcttgat      240
ttcttaattt aataacaaaa aacaattctc ataacatgta tcacctaaaca tgtcactttc      300
actttaaaag tctaaagagt tgaggtttat ttcttttctt ttaaagttga tgtttatggt      360
ggtgatttcg aaaagatcag atcccccggt atgaaggatc ttaaccttgt ctttttagatc      420
tccatgagaa atgcagtaca tgtagcatta gccatatttc ttttttagag gcctatgtag      480
gatatttata acctgtaaaa gtttgatgac ttcatgctca ggagaaagca agtaattacc      540
tagccaagcc aggtgggtgt tcagggttagt ggtaaacaga aaggagatgt tgaaagattt      600
catatctaaa gggtaaaaac acaagagaag tatatagaga taaacatgta aagtataaga      660
ctgntacata gtaagctcct ncgaagtggc agccattggt attatttttc tgcng          715

```

<210> 5037

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 5037

```

tggttttgat cnagnnctct tggtcttttt gcaggatccc atcgattcgc ggcggtgtcg      60
gcagctgctg tagcgaagag agtttggcgc gatgtctcac accattttgc tggtagagcc      120
taccaagagg ccagaaggca gaacttatgc tgactacgaa tctgtgaatg aatgcatgga      180
aggtgtttgt aaaatgtatg aagaacatct gaaaagaatg aatcccaaca gtccctctat      240
cacatatgac atcagtcagt tgtttgattt catcgatgat ctggcagacc tcagctgcct      300
ggtttaccga gctgataccc agacatacca gccttataac aaagactgga ttaaagagaa      360
gatctacgtg ctcttcctgc ggaggccca acaggctggg aaataattgt gttggaagca      420
ctgggggggt tgggggtggg ttggaacaca ggtgtgtaca gcgtgctgta atggaaagt      480
ttgnatcata gtaatcctgt ttccactttg gtatctctac ccagattgac tgtattagat      540
gaaatgtgan gatcttggtc aatcggaaac cccgtacctc ctcttttctt tctctttctt      600
tnntttttac ttaacatttt atgatgattt anatggaagt ggtctttngn acttaatgtn      660
ggttccagnc ctttaactgg tcaaaattta ctttttacan tnacattctn aacctttttt      720
aaanaagggg ntgggggggt gnaaatgcnn nttaaccc          758

```

<210> 5038

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 5038

tnttgggaang	tgtagnctttt	tttttgggaa	aaaaaanccc	ccnttttttt	nggggggggaa	60
naggtntnecg	gggnntnttn	atancnaata	cncnattttt	tgaanaaaan	nacccttnt	120
canggggnaca	aatatnctaa	attnacatct	acatnnnaan	caaattatnt	ncatcnnatn	180
ggacncatan	tcgacacacc	atttntntnt	ancacacgtn	naacatacat	ntccaccacn	240
ntnaanatac	ctctctctcc	anttnncann	caencncctt	ctnntaatac	antacancnn	300
gaacccccctn	tcgngggccc	natntatatn	anaaancacn	ctaccctatan	atcacacmnt	360
ataatnatca	tncnncatac	ncannctcnn	annccaaatg	atgcaatnan	naccacacac	420
tncnntcaat	cccncanana	tnttacnccn	anancnngn	ttannncanc	atacncaanc	480
cacnaccana	tncntcncnn	nacnnnncnc	nennannnnn	ccancacnnn	nannnnnnna	540
aannacannn	nannnnannca	tncctctnaa	tatanacnac	anaannnnnc	anacnacaac	600
cactcnngac	tcttaaaactn	cntananaca	ctncantnnc	cccaagacac	anntncnnta	660
agatggacna	cctnntaaac	atcnacacct	agatcnatnn	nngncccaa	nctanaactn	720
tcaatccntc	cagcnaactt	caactnnnac	nacctnanna	aaatctncgc	acacnccnat	780
nncacctnac	ntannnaann	tacaccctn	ctatnanata	ctcacannnn	tncntnttta	840
tatcaanntn	ttntcantaa	aaaccacgtt	naatatcacc	naactcncnt	atntcnaata	900
agtacgctca	cactanacan	acatatatat	ctacantttt	cncnnacnca	acanctatng	960
cnacaggant	cnnccacngt	anaacacctc	actatcaaaa	tngcnancgt	atcacnacng	1020
cnannagcca	tnccntacga	cntntgncaa	atcgaaacnc	ntntaacaan	anatnanatc	1080
tnctnnacat	cacaantcta	tatctanana	ctacnngnga	gggcanaaac	acattccccc	1140
nnnctanntg	tnccacacat	aaccgnaatc	nccnnaaaca	catggnaana	tccccactan	1200
tcgnatccca	cncttcaaca	cnaagancnt	accacnntac	gtanacnaaa	gancttgggg	1260
tnnaaanata	cttncccc					1278

<210> 5039

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 5039

ngnnnnntttt	nnaanaccct	nnctacttgt	tcttttgcag	gatccatcga	ttcgtttttt	60
ttttttttttt	tgactcttga	gtggatttta	tttttgcact	ccaggatgca	gtgaagacgg	120
tggaagggttc	atcttcacac	cgagggccct	cagtgtcgag	gtgactcccg	gcctgaggag	180
ggctgaggca	tcttgaattt	tgagagttcg	aggttgaggt	ctaanaaggt	gtacgtgctg	240
taagtcatga	tgctgcaggt	tcttgtaggt	agtgtgtca	aacggctcaa	caggcactgg	300
ggctggctcc	tgtgtgccgc	ctcggtcgtc	ccctgcgcng	ntgcactctn	catgggctcg	360
ccctnggcct	aancctttaac	gctgctggct	tttcatggaa	acccngggta	tttttcaaaa	420
gaactggcctt	cnaattgctt	ggtggnatct	gatctttcac	gaatggctgt	ncaccttcaa	480
gtggggcttct	attcctgcgt	cctgaggttt	cctttntggg	caagggaagg	ggcccccttg	540
cncttgggct	tttggcaccc	ggttttttnc	natgccctt	ttgncggccc	caagaagaac	600
ttggctttgc	aacttgnecc	ttntggttnt	tggncctttt	tttggccaac	acaaacaagg	660
ccnccctggg	ctttgccctt	tcgggngggc	nccaaaacaa	anccctgaat	ttttgtggtg	720
ggacaagggt	naanggggtc	cctttnaacc	tttcaaaaan	gggctttttg	ggcttttctt	780
tttaaccnaa	tttcna					796

<210> 5040

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1308)
 <223> n = A,T,C or G

<400> 5040

ggcttnaaac	ctttgaacnc	gcttattcng	cggtccannc	ttngncngng	tacnggtang	60
gctgngnnta	ggcnttncat	tgcgangcng	nncccnngn	gnnnnnngt	tgancnnng	120
ngncngtntg	gntnagngnc	tacnaacttn	gaancganca	gnnnnnngcn	ttntggggccg	180
ccactgccnc	gaggntcca	nnncctagtc	accnngng	tacccttagc	nnnccttggn	240
tcctctngca	ccnnntenta	gaaaatnccc	nnnnnnnnn	gncttcttna	gtgggttaann	300
tcngttnnt	tcncccnnt	ggggnncttt	tngtgcgcac	atngcatcat	tacctntngn	360
nnagtccnta	cactnatann	tctggnnccn	naannancgt	atcgtnctnt	agttntctnt	420
gtgtcgnnch	tagnnanngn	tnanacgca	tncttggnn	natgannent	ntcnngttn	480
atctctcatg	tnngcctcnn	agcnnacgct	ctctatnngt	ananncatct	cganatcncg	540
cantntaata	tnacggnaana	tcgntcntnn	anntattnta	nnncangca	cttctatgt	600
atatnagntg	cgtancgtnn	gannantnac	antgcgacta	tancatcngg	atagtncttn	660
acntcnana	tcctctgca	tangtnnat	actcngtata	ngncctcta	tatntaacan	720
agngtangtc	tnngcgtacc	tcnccnngn	tctannentn	gggtattcat	natnncaccn	780
tntagtnaac	nttacncgnt	gattnatnta	nccnattcg	tgtnananga	cananncnct	840
natncaangn	nttacgtatn	gcacatanct	atgantncc	tagatngntc	gctcaactat	900
cggcaanctc	tncataagnt	gtannntnan	antnatgtag	tctnccgtgn	ntngaccgct	960
atntnnntcg	tanctacnch	atccacnnaa	gananntntt	ngtngnnntn	ntatngctca	1020
aanntnggtg	ttctnaatcc	ccntctcct	tnntngnan	agtntgcna	agttantcgg	1080
nnngtagcg	nnntacccc	tatnggagag	gnttctnant	tatgcgacat	cnccannnga	1140
nnngnaann	acggcngggg	gnttctctc	tgatntatn	ctctanctc	tngcacgnnc	1200
nnngcttnt	canatnaaat	accntgacnt	ntnggtgann	cattngnnac	naangcgctg	1260
tgagatagnn	cccnntagat	aagtctatct	gtatgctnnc	nccanccc		1308

<210> 5041
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 5041

gnnnntnnaa	nnccnnggtt	ttaganaggg	cngcaggttc	cccanacaa	ctcnntgcaa	60
gancggtagc	attcattacc	tgtttattct	ctgctgcac	ttacagaaga	gtaaactggg	120
gagagtttat	atgggtatat	atatatatat	atatnanatg	tatatatata	tatatngact	180
tgctacatga	agatgtaaaa	atcggttntt	aaaggngatg	taaatagaga	tttccctnaat	240
gaaaaanaca	tatngagaat	tgntctaagt	caacagaaaa	gccnnnga	ctctaaggnt	300
cctgtatatt	ccatgtataa	gtgnaaatat	aancagacag	ggntaaaagt	gggtgcatgta	360
tgtnacagtc	tgcaagtctg	gacaaatgta	tanantaaac	cttnnattta	agntgggata	420
acctgctgca	tgaaaagtgc	atgggggacc	ctgtgcatct	gngcataatg	gcaaanngnc	480
ttanaagggc	cganccgaag	atcnatncng	acntgacngt	tgantgtca	ggagctgacg	540
acgaggggat	acagcggng	anagaatggg	catcganacc	aaggggctna	nagaagnttc	600
caatgggcgc	cacctttaa	nnngnngatt	nacacaactc	cntncaggga	atngngttnn	660
nccannncng	acnttattcc	cagagtgtcc	cagtattagc	aatactggga	atataggcac	720
antaccaatc	atantnagaa	anntgggggg	tnaccccaac	ccaaatttga	ngcgan	776

<210> 5042
 <211> 1105
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1105)

<223> n = A,T,C or G

<400> 5042

```

gggggncgggn natnaanngn tnggaaactn atcncangat agcgcnnggat tcngantgggn      60
ttcgaaaaacn ctncntnncg atttnaaata aaatnttttt cntntttccn ctgaggancca      120
tnttgaaagg nccagnngnn aaanaaataa gnatinnggg ntcaaatect ancaggctca      180
naaatgcctg nggttnnnnt nggttcnttn tngctntecn ctennatate anatcctgcc      240
ntgacntgnn nnnctcntnn ntgcctnnc catcnnatgac atcncncatg gcatgtanca      300
accntnnenn gntannnnnt aaacnacact tgnattgtct gnantgttng aaatnaaaca      360
atngcaaccn cccantnnna nngggcnnng ccagnncaan acttggnann cttntcanna      420
tnatccnntn centntntcc cncatngtta ntcacttgta taacatttca nnnncganc      480
tttatatntg nntntttggn anngnntann tancntcncn ngnanccann tagagatntt      540
ggtgcngnnc tnccataaaa nggtntctatt tgctnncaen ntacatcagc ctanctctna      600
atnttttagta caggcnacgg gaatatctcc ncnngngnga caaaatattc gcgngganat      660
nagntntttt tngnnengng taccatctcc cgannattat actnntnnat angngatnta      720
aactctataa agtcnatgtc ananntantn agngagatct nncntgnaaa anaaangnng      780
ctcatgatct ctcnntatnt atnnnatcnc tcnnanncta caatctntan ccanttnacg      840
ngcnnnatta nnnnggggnc anattncacg tgctcctcta agncccntgt gtctananac      900
ngannctng nantcaancg cnanagnngc acacnccgat actaantntg nacttcata      960
ccaattantn atgtntcatn ncccgacatt aatnagggtc nnaattnta naatcaatgt     1020
ctnnncacna natcngncgt attccaagnt natantntn aagnnaccnc tctagcncnn     1080
ananncaactt tnngtcgtnt angcc                                           1105

```

<210> 5043

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 5043

```

gtctaangna ncagctactn gttctttttg caggatccca tcgattcgaa tncggcacga      60
gcttccttgt ataatactga tcattctatt ttagcggtaa gaacccaaga aggagtatgg      120
atacctgtaa agctttctgg tccttgggaa gcctctcctt ctgtgcatat tattactgaa      180
attcttcaaa agattctgag atgctctcag tgtttcattg ctactttaat tttaatcatt      240
atgggattga ttgctgtcac agctactgcc gcggcanctg gagttgcttt gcatttcaca      300
gtncaaacag cagactatgt aaataattgg cagaaaaatt ctactttgct gtggaattcc      360
caaactaata tggaccagaa actagctaat caaatcaatt atctncaaca aactgtaatg      420
tggctaggag attgagtagt tagtctagaa tatagaatgc anttacaatg tgattggaat      480
acttctgatt tttgcattac tctctatctg tataatgaaa gacagcatga gtgggaaaga      540
gttaagaaac atttgaaagg tcatactgga aattnacttt agatattatg caactgaagg      600
aacaatatatt tcaatcttct ctggcacatc tgacactaat gccaggaact gaagtgcctg      660
aaggcgcttc anatggataa cagctattac ccattaaaat ggatcaggac caannaaann      720
aaaaaaactc cgagccttta aactttgngg agtcnnttc                                           759

```

<210> 5044

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1444)

<223> n = A,T,C or G

<400> 5044

```

ctctencnnc nnnncnnntc tctnnenntn nnnnnntnntn nnnctennnn cnnnatctnn      60
nnnnennctnn nnnnnentnn cntcentctc ttntntnget ctctntcttc ntncatcttn      120
ccnctattnt cntnntnttc nntentcnnn antnctnnnt tctnctnnc canctntcca      180
tnntntactn tcnntnttct ggctntntta tntgggggggt ctatttnttn ncttaaactcg      240
actngttcca agtctcttan cngcntctnt ctnnctntct ntgcctnctn ctggggcctt      300
aattncccn gctntttatan aagngngnaa ttaaggnttc nntctanng ctntgcaagg      360
ctaagtntta gatecngnta gaanncgnta catgttgagg acngacanct tctgcncaa      420
agnggggctna ggcanngnnn tntgcaaann ctennntntc nnancttggn tcnegtagan      480
cggnnncccc tgaatttttn ancnngganc nttaaantnt ntngnggtac gannccnenn      540
necgnnnnnnc gnntanneen canngttaan tgcncennna nnnantcaac tctntnttcc      600
tnntnnaacn nnnntantct annatnntta cnnntnagnt tttctctnct naennctctg      660
tnttntntnn atctntntct tctencttna tttntatctc ntntntntnc tncectnate      720
tatctnctac nctctnttcc ncttctccct nncntctctc atcatatccc acgcnaactna      780
nccccctnn ctcttacctn nntnctctcn tcntatctcn nnaccctctt tctntntctt      840
atnnnccta tctctactt attctctctc tattntncca ctacccttc ntntntctnc      900
nctnntcttn tntatntnt actntcncta tctctnctc tctnntgnt cccacccct      960
cttctctctn ctctctnnn nnnactactc tcacctctc nncntnctn ctacnntnn      1020
ananntctt anttctctn tcatcacant actcttccct ctcatntca nanctaant      1080
ntnctctcac tctaccactc tntnctccac tcatatnana cttctatant nctaatecta      1140
tcttcttaaa cntctctct tatenctcta anctctctt cntcgctanc tcnntncaa      1200
ctcgnaaatc tctccaatnc tccccactc taaaaatnnc ncntngant cccacttttc      1260
ngngcanaat nnaacnctn tcnctccct ttagctatct ctctanaaac cccntttctc      1320
aacaggnacc nccctntntc tcnaaatct catnctncta ctttatatnt cnccaagcct      1380
cncctntgta anagcatctc nctntccnc aatnnaanac tccctnctcc natanatntn      1440
anat

```

<210> 5045

<211> 1027

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1027)

<223> n = A,T,C or G

<400> 5045

```

agngnttctt tcccccttt atttngaaaa annggcgccc tnnttcnana attggccact      60
tttctctggt ccnnggggaa tcccccaata cgcattntcg gnaaatgtgn cgggtcnacc      120
gatagtccca aaacctctgg ggccattgca aaaaggggnc cccangggnc gntcttacia      180
ngnatnttn ttttataccc tnnntngngg gacannctgc cagntctaata cnaancgggt      240
gngattattn ggggngngnc acccttngng cncnnataat atatnnnggc tcnctatgtg      300
anggcenccn ccatangnag tntatncc tcatataat tatctantc anncgcaaca      360
antntatacn ngntgtatac nttgaatnaa gaatnccact nntatgctac gantatnnnn      420
ntngtcnnnn ngntgntntn nntnaante nntnactact tctnctgna cnanntant      480
cgnacntnca cncctnctc tanatntgnt anttnanntc nnnnnctcnc tngnnntcn      540
tnacnngacn tanntnnatn gnnanntaan anactnannn taannannnc nnnntnttt      600
cntntttcta cgnctnctn ncnennacnc nnnntcnntn nctanactct ntnnnnnnn      660

```

```

nntantnnnt cncnnaccnc tgatntattn cctcantatn nntnnttent nntnnnnntn 720
ncgctnnacc atacnannac nacatnnnan nnetgatntc ncnntanntc ctncnnccat 780
tcnncatgnc ntntnnntat cctetcanan naanatntnt nntgannta cgntgtatgt 840
ctnnctcncg annataccnc atcntnncta ctagatacca cnannnctnt acnntnnac 900
ntntcnatat nnantatant ctntacntc ancnanctct ngntntatct gangacacat 960
atntcnnat nacactgntc caantnaact cnagnnnnac canggtcatc gacnctatnc 1020
ncncccc 1027

```

<210> 5046

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 5046

```

ncntntttcc tctcnaatcg nttggtgttc tttntgcagg atcccatoga ttcgggtcta 60
cagtatgtag aagcagcaag ttagtattaa tgatgatggt accttgtttg atggtcgacc 120
aatagagtct ctgtccctga tagatgccgt aatgcctgat gtagtacaaa caagacaaca 180
agcttataga gataagcttg cacagcaaca ggcagcagct gctgcagctg ccgcagctgc 240
agccagccaa caaggatctg caaaaaatgg agaaaacaca gcaaatgggg aggagaatgg 300
agcacatact atagcaaata atcatactga tatgatggaa gtggatgggg atgttgaaat 360
ccctccta ataatgtgtg tgttgcgggg ccatgaatct gaagttttta tctgtgcctg 420
gaaccctgtt agtgatctcc tagcatcagg gtctggagac tcaacagcaa gaatatggaa 480
tcttagtgag aacagcacca gtggctctac acagttagta cttagacatt gtatacgaga 540
aggagggcaa gatgttccaa gcaacaagga tgtcacatct ctagattgga atagtgaagg 600
tacacttcta caactgggtc ctatgatggg tttgccagaa tatggactaa agatgggtacc 660
ttgctagcac cttagggcag cataaaggcc ctatattgca ttaaaatgga atacgaaagg 720
aaattcatnc taaatgctgg attnacaa 748

```

<210> 5047

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 5047

```

gnnnnnnnnn ttttnaaagn ccagctcttg tttttntgc aggatccctc gatttegaatt 60
cggcacgagc agaaaagtta ctgcagctta aacaggaaaa ccttcttgt tcaaggactgt 120
catagccaca gtttgcaaaa agtgcagcta ttgattaatg caatgtagtg tcaattagat 180
gtacattcct gnggtcttt tatctggtgg tagctttgtc ttttctttt tcttttcatt 240
acatcagggt atattgccct ggaaaattgn gggtagtggt acccaggaaa taaaaaaatt 300
aagggaattt ttaacttttc aatatttgng tagttcaagt tttctacatt ttaagtncca 360
gaaactttta caaaaatgcc agtttcgaaa ggtgtttcct tngngaagtt naccaagtta 420
aaggaagatc attgggtaaa ttactathtt tggnatggaa attttgcna aagttnactg 480
gtaaaggaaa cacctgctga ctttgcaagt ttaangggga atctattctt cccattttcc 540
aaacccatgg atatggaatg gggccctga ccatgtggga agaggaattg gataatttgg 600
ggtggtttgc natggggtgg ttttagatna attgggattg gggatattta aaattaacca 660
tttgnggaa nttnaatagg ctttnaaga atancnttn aaaatggnaa aaaaaaatct 720

```

```
tcnaaaaatt tccaaaaaaa aaannnnnaa aaaacctcna nggncctttt aaaacttntt      780
nnggaagtcc nnatttacct nnnaatnccc gaccntggat naaga                        825
```

```
<210> 5048
<211> 707
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (707)
<223> n = A,T,C or G
```

```
<400> 5048
cnaatgctgg tngctngttc tttttgcagg atcccatcga ttcgggggcta gcctgcacgc      60
acgccaagat ggagctccag gctagccac agaacagccc agccgcagcc gtccctaccag      120
accagcacct tgtaaccaca gtctaaccaca gcgggcacca ggcggtgaga cctcctgccg      180
ctgccagccc aggatagccc ccttgccctct tgcccaaggc tcaggetacc ccttgaggcg      240
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa      300
cggagaaggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct      360
ggtctgctgg tgctaccagg cttgaacagt cttcaaatec actgctatta ggcaaattac      420
ctggctcccg ctgaactcca gcacctagaa ctatgtcaca ctgctagtag gccgctgcat      480
tggttgaaca aatgattttg aaagaatgaa tgtcttcctc tgtgcctgca tttcctcaga      540
aggctgtaac aaagattaaa taggaaaatt cgtggaaaagt tcaaaaaaaaa aaannnnnct      600
aanantcatn nnannnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg      660
gagncgtatt acgtanatcc agacatgata ngatncattg atgagtt                      707
```

```
<210> 5049
<211> 762
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (762)
<223> n = A,T,C or G
```

```
<400> 5049
ngnttttaaa tcagctctng tcttttgcag gatccctcga ttcgaattcg gcacgagaga      60
acacagggtg cgtgaaaact acccctaata gccaaaatgg gaaaggaaaa gactcatatc      120
aacattgtcg tcattggaca cgtagattcg ggcaagtcca ccactactgg ccatctgac      180
tataaatgcg gtggcatcga caaaagaacc attgaaaaat ttgagaagga ggctgctgag      240
atgggaaagg gctccttcaa gtatgcctgg gtcttgata aactgaaagc tgagcgtgaa      300
cgtggtatca ccattgatat ctccttgtgg aaatttgaga ccancaagta ctatgtgact      360
atcattgatg ccccaggaca cagagacttt atcaaaaaca tgattacagg gacatctcag      420
gctgactgtg ctgtcctgat tgttgctgct ggtgttggtg aatttgaagc tggatatctc      480
aagaatgggc agaccgana gcatgccctt ctggcttaca cactgggtgt gaaacaacta      540
attgtcgggtg ttaacaaaat ggattccact gagccacct acagccagaa gagatatgaa      600
ggaaattggt aaaggaagtc agcacttaca ttaagaaaat tgggcttcaa ccccgacaca      660
gtancatttg ngccaatttc tgggtggaat ggtgacacat gctggagcca agtgctaaca      720
ttgccttggg tcaanggatg gaaagtcccc ntaaggatgg ca                          762
```

```
<210> 5050
<211> 761
<212> DNA
<213> Homo sapiens
```

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5050
 tgcttgctct tgttctttat gcaggatcct anctcccnnt ccnggnagga gganacagtt 60
 actgactntc cgcagacgt ggtgctcttt gaagggatcc tggggcagaa tgagggtggac 120
 tatnnccaga agcagggtggc catcctgagc cangatagct tctaccgtgt ccttacctnc 180
 nagcataagg cctaagccct gaanggccng nncaactntn accaccenga tnnctntgnc 240
 natgaactnn ttctnantnc actnanagna atnactgatn gnanagnngt gngatnccn 300
 gtgtatgact atgntctnca ttncagnan gtnccgatan ctntccctga tganacnnnt 360
 tgagganaca gatnccgaca cccgggtctn acgcaaanta ttaanggaca tcagcganag 420
 atgcagggat cggtgaacac tataacatcg tcaacttcatt anatnncntc aagcntgcct 480
 ttanangant tctcctntgn caacaacaga tncctggctt ntanaggatc ntnncatnga 540
 ggttcncaat agataactnng tnggacaaac ancctnatnt gtgcaattnn attccntnga 600
 ccatccnttt aatgggaaag ggnctntnna aacggggnaa acccaattng ttgncctaaa 660
 aggggnataa aaccnttttt naaacnaggn ntgtangnnc ttcanaactt gnnannaatt 720
 atggccccc ttttaaccct ttaatggctt ttngtcccc g 761

<210> 5051
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 5051
 nngtctatag ctggctctcg ctnttggtgt gatcncatga ncccatnnan nnnantnngn 60
 cccgntgagg nctntnatth gcaccatggt cgagtnangg tcctttccta aacatgntnt 120
 aaaaatatan atnccgatggc ttatttataaa tgtccctatg catggngaaa tgntaaatac 180
 cangtggatg antggttctn nnntatattg tgaatggaga attatncaca atgcatctat 240
 atgtgtanac taataatgta naatatgctc nctntnctg ntctgtgnan aatgtgctct 300
 aaaatnccct gntngtgggt agcatgggct ggacagnnat tgattttcag aaaaatgctt 360
 ggcttttggg ttnttggtgaa tagggaagcc tgcngcaaata tatctcattt gncaanaaaa 420
 anttattttt ancctatttg aatgtatgct atcttcanta cgcttccatc ttatgatnna 480
 aggnntntcn natttctant ccaagacttc gngcntanac tgtcncagtn gggcatttga 540
 tgncttgtca ccagtggaaa cctgaacgga aaggggctnn aggaccnacc ttattcctta 600
 agggccctgg agaaaaaccc gttnanttgg gctccttaga actngctngc nggggaaacc 660
 tggaaaaccc ttgcccctng tttttaaagg gggngnnccct tgggtttccc attngggngn 720
 ctttaaanaa attttggggg ccccnaccna aaatttggcc ccggggattn cnnctanntn 780
 ggctngccct ttttaantcct taanttaaaa aggnccctta caattttggg canttggggg 840
 gnnaaaa 847

<210> 5052
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G


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<400> 5052
agagnnnnnnn nttttnncta atggctgggg atagtctggn ctttttncag gtngccnanc      60
gantcgaatt nngcacgagg cttggatctt tgtcnaaacc gggttatgtat gtcaaggagg      120
agtttaaggc ctttcgcac caccctgtgt atccctngcc tgcncagcgc atgtatnacg      180
tggagttgct ccttaccaca ccttanntgc ccctgagccc tatttnctag atttcttngt      240
gggctggaaa ccccgtnct ccaccagcat ntccattatc ccaaactttc tagncctgct      300
gacccancca nnaacggggt ggaaactgga gggcngcggt ctggcngttg tcnaagaaac      360
ttatganttc tattatnagt acaangangn taaaatggnn ccaatattnt ttactaanct      420
catgntatat ngagangaaa ctccatgat ctgnttcang aagggtggtta tngctnngcn      480
gttnacgggn tnnttanggn taccaaatnt aactctgctn tcatacctta atctgactan      540
tcnagnattn ttagatgttt gggngnannc atcctcttaa aatnggnacc agggcntggc      600
ttcngnngan gcngtgntna ccaagtgaac tatatgngnt ctcacantnt gctntangcc      660
nactggaaac acntttgncc cgcaagnnnn gctgttgagt cgatgtactg cnttccatt      720
natggctaca nttgcttatn aggtngc      747

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```

<210> 5053
<211> 1014
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1014)
<223> n = A,T,C or G

```

```

<400> 5053
gnnnnnnctg nnnntttaat cagnetcttg ntctttngna ggancctctg attcnaattc      60
ggcacgaggn nntgntcctt ntgnncncc cnngntggng anacnannnt ggcttgtctt      120
nnnncgnacg cnngaagnaa cgggcntctc acgcgcntnt gnattgtntg acangganca      180
tgnacctnctn tacnnnngcc atntgntnnt ccaactgcnt gaanggctaa tcctnngcct      240
gctctcnann nggntgnntg tggnaaangg ngtttggttt aaaanncata nnaatnnccct      300
tccatnatte agnctgtntt ttnacngggg anttnatnnt caatnctntnt agctgntnan      360
cnneggcann gctcaattaa tncntgnact cttnattttc cctnccnttg nanttgcnat      420
cacattaatg cggatcaana tnggntttta tgaggaantt ntctcgactt attaaggnac      480
ccccaacnt gngetagtga tttttcaann ncatgnttgc angaaaaaaa ccctttcaaa      540
aaccttaatg gnaantttct ttgaggctta aanaataaaa tncctggggg gtttacttgg      600
ggggnccaag cgggggggga ntnnaanntt tngccttctt tnttttgga accttttnan      660
ccnttgggaa atggaatggg accctcccc ctttttttag gggtaaatacc caaanggggc      720
cnttgnnngc ggncccnna aaangtggg ganatcnaac cctggcttng ggggatttta      780
aaaaaatttt ttncaaaaa atnngnnnt nttttttttt cnnnnncnnn nnaatggggg      840
gaaatttttt ttttggggcc cnaaaattta aaccccggtt tttttctcca gggggnaaaa      900
aaaaaaacct tttttttttt tccnnnnnn naaaaaatgg gggtnntaac caaaaaann      960
cccggtnngn nnccttttna aancnccaaa aancntttt tcccccgna nggg      1014

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<210> 5054
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

```

```

<400> 5054
agagnnnnnnn nntntntnn ctacttaatt gcttggctac ttgttctttt tgcaggatcc      60

```

catcgattcg	aattcggcac	gaggcattnc	ctgctnngaa	cctngtntac	taatttccac	120
tgcttttaag	gccctgcact	gaaaangcaa	gctcaggcgc	nggtggctgt	tgtgacccaa	180
cctgcagtcg	gtccnggncc	ggccccccag	aactncaact	ggcaaacagg	catgtgtgac	240
tgnttnanng	actgcggagt	ctgtctctnt	ggnacatttt	gtttcccgtg	ccttggnatgn	300
caagtngcnn	ctnatatgan	tgaatgctgn	ctgngnngaa	caagcgnngn	antgaggact	360
ctntacagga	cccgatatgg	catccctgga	tctatttgng	atgactatat	ggcaactctn	420
tgctgtntct	attgtactct	ttgccaaatc	aaganagata	tcatcagang	gagagccatg	480
cgtactttct	aaaaactgat	ggtgaaaagc	tcttaccgaa	gcaacaaaat	tcagntgaca	540
cctcttnant	tgagntcttc	acnatctttt	gcnactgaaa	tatgatggat	ntgcttaagt	600
acaactgatg	gcatgaaaaa	antcaaantt	tttgatctat	natnagatgg	aatgggttgn	660
ccttgacttt	agcttaaatg	ggngcaactt	taggtttctt	cttgctntca	tattatccga	720
aatttcctgg	cttatnaact	tttttnaaat	taccatttgc	aa		762

<210> 5055

<211> 1024

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1024)

<223> n = A,T,C or G

<400> 5055

ntnnnnnangn	ancnctttga	aacgcctctc	tngtangcgg	atcccatcga	ttcggnttgc	60
ananggcacn	aggctgctgg	gcctggaagn	cctttttggg	ccactcgcta	attctcatgt	120
gtngctccgg	cccctccagc	tgccaggtgg	tgtggagttt	gaggccagca	caaggatgcn	180
ggacaccanc	gtctccttcg	ggtaccagct	ggacctgccc	aanccaacct	gcttttcaaa	240
ggtaaagggtc	tnggtttccc	tacgcgggaa	acaggcagga	agtgactcaa	cttntgantg	300
ggatgtntgg	gccaccacag	gtgctggagg	acagngagcn	tgncaccctt	ntngggcctc	360
cacattaccc	ggggaacact	tgttaaaang	taatgtgggg	ccgggtgccc	gtnnngctcac	420
gccctgtaat	cccagcactt	tttggggaagg	ccaangcggg	cccnaaggta	atggggagaat	480
tgnagaccca	tnnctgggtt	taaacaccng	gtggaaaact	tccgttnttt	taactnaaaa	540
aattncnatn	nnaccnanaa	atttaaacc	cnggatagtt	gggttttccn	gggttgccct	600
aaattgggtg	nccaaaacct	tacntgnng	ggnttttnaa	gggnncgggn	aaaaaaaaatn	660
gggtnnattg	aaaancnc	angtaaaagg	ctnggggaa	ccttttggtc	ggagtaaaaa	720
ccccnaanaa	aancccggtg	cncananc	nggaaaattt	tcnnnaanc	ccctgggggg	780
cccgaaccnn	tntnnnncca	aanngaactt	ntccaatttt	tttaaaaaaa	ngnnnanann	840
annacnata	aaaangctct	tggggtnggg	gacaaaaaac	cccctntttt	nacctantgg	900
ggnnntaatt	ggcctttggg	gngaaaanaa	annanaana	ntnttnnta	taaaaaaant	960
cgggccctaa	acncctttga	gggntgagat	ttnaaaaccc	ccttngttta	attatcccc	1020
gcct						1024

<210> 5056

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (822)

<223> n = A,T,C or G

<400> 5056

tnnnntnaaa	cnnnnnnnn	tnnnntcctg	aannanancn	taannncana	nanacnannn	60
natnaaangn	cttcnaanc	ggaaancctc	nncgctcnag	nagnaagacg	gggaaccagn	120

gnctnacgag	cnagacaggt	neccaattag	acntcatctg	gnennctgtc	agncatcaat	180
gaggggcnca	atgactatag	cttggancac	agaccacaca	cnnngcgan	gntgcncggc	240
tngaagnatt	atncacanct	gcgncccca	nggggcnagg	tgatggagna	taccaccatc	300
cttnggntgc	ncgaggngga	atttgccagn	nangggaaat	ntcagngtgt	catctccaat	360
cacttttggt	catcctactc	tgtcaaagcc	aagcttacng	taaatagnng	gggattaaan	420
ganncctttg	gcattttaag	attccnaggg	gccanaaaaa	ngnanaaacn	nntcnctcgg	480
naatgttanc	ccngnaggnt	ntnatgngag	ntanccacct	gnetcnttct	ttaccnacct	540
nannnnncac	agaatnaaga	tacttgggta	tctgtatnta	aacctgcnat	tatgggtgaa	600
nacgacaccg	nactcaattg	tggtatgagta	acacaacana	tgaaccanac	ntgtanntgc	660
tcanttttng	accntttntc	nnttatnann	nagctgaggn	cggcaatctt	nnnantgggt	720
ncccaaaaag	gnttggaatg	annatcccng	gggttnncaa	ntngannntt	gnaatatngn	780
agcnnaaatn	gnannttcaa	ncnnntnggg	agnaaaaaan	cg		822

<210> 5057

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1103)

<223> n = A,T,C or G

<400> 5057

cggggaaaaa	ctcctncaa	aaaancagan	nnacctnann	nnaggaggan	cccttaaaaa	60
aatatggagg	cccnttgngg	gggaccccc	ccaaaaacca	neccaagaaan	aantaagggg	120
ggnccttgg	ggggggggat	gaaaataang	gggggnncn	tnnnggnggn	annnanncnn	180
nnnnnnnnnn	nannannana	nnnannncnc	nnnnnnnana	aannnnnnncn	nnnnnnnnnc	240
nnnnnnnnnn	nnnnnnncnn	nnnnnnnnnn	nnnnnnnnnn	nnncnnnnnn	ancnnnnnnn	300
cnnnnnnnnn	nnncnnnnnn	nnnanngcnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnncnnnnnn	nnnnnnnnnn	nnncncncaa	nnnnnanncn	ncnnnnnncc	420
nnnnncncnc	nnnnncnnnn	nnnnncnnnn	nnncnnaccan	canacanann	ncnnncnnnn	480
nnnnncnnnn	nnncncncaa	ccnnncnnnn	ncnnnnnnnn	nnnnncnacnn	cannnnnnnac	540
cncannnacc	ccancncnnn	cnnncnccnc	cnecccnacc	nnncnnnnnn	cnnccnnnnn	600
nnncnnnnna	nnancanccc	nncccaannn	cnnccnnnnn	nncccnncnn	cnncccnnnn	660
nnncncccn	cncnnnnncn	cncncncnn	ncacnnccnn	caaccaancc	ncnnncnaca	720
nnancnnc	ccncancncn	ncnncnnnn	cccacncncn	ntcnnccncn	canannaacc	780
cnnannnnnn	cnnacnannn	nnnnncnncn	nnannnnanc	cnnncncncn	nacnanncnc	840
cnnnnncnn	nnannncaan	cnnnnncnat	nnncnnnana	nnnnnnnnccn	ncnnacnncn	900
cnnnnncnn	cnnncanna	nnnnannann	nnccnncnan	annnnnnann	cnnnnnnancn	960
nnancnnnnn	cnnnnnnnnn	ccnncnnccn	cancnnnacn	cneccnnncc	nnnnnnnnncan	1020
nnnnnnnnnn	nnnnnnnnnc	acnnncnnnn	ccnnncancc	ncnccnncnc	nnnnnnnnnn	1080
cacnnnnccn	nnnancnnnn	cct				1103

<210> 5058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 5058

agagnnnnnn	nnttntnnct	actaatggct	tggtacttg	ttctttntgc	aggaccatc	60
------------	------------	------------	-----------	------------	-----------	----

gattcgaatt	cggcagcagg	gnaaattgng	catnnnnntg	tttgcngatg	gennenttan	120
ctattnnatt	aangcnentt	atactctgct	gcttaactng	cttgtaattg	caentnngtt	180
acctgcacat	tttcataatng	aatattgtgn	tancatngct	tantgtgngt	ctggatggaa	240
gatncntggg	cctacaggat	cattaatgac	atattgttta	tattacagta	ttatatctgt	300
gncatcagcn	gtaantncat	ttntttacaa	atanangcct	gttccatttg	aaanataatac	360
aagtgtgtgg	ncaaaaggaa	gtatacccag	nancaagccc	atgangagtt	tcagcaagtg	420
ttcattcctg	antgcnatga	ctacngcgcc	tacagtcang	tncagtggtca	cagctacacg	480
ggatactgnt	ggtgcgtcac	gcccacggg	aggcccatca	gcggcnetgc	cntgnccac	540
aagacgcccc	ggtgcccggg	ttccntnaat	naaaagttnc	cccaacgcga	aggnacatga	600
aaaacagatg	atgccgtanc	ttcanngtnn	ganactcanc	cttaaggnga	ttaagaaaat	660
tttgcataaa	gtttaccctt	acccttttgg	aattgaacan	ggttaaaaag	ttcccaataa	720
cnaaaaccca	ataaganttc	aatggcctcc	tntggancca	a		761

<210> 5059

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 5059

gngnngnnnn	nnnnngnnnn	nnnnnnnnng	nagnnnnnnn	gaggnntttt	ngatacagct	60
cttgttcttt	ttgcaggacc	catcgattcg	atcantgtga	actcttaaan	catgcngaag	120
cnnctctagg	aagtgnnga	ctgatacaag	ctgtgatggt	gcctgangga	gangatctca	180
atgaatggat	tgctgtgaac	actgtgggat	ntcttnacca	gatcaacatg	ttatatggaa	240
ctattcagaa	ttntgcctga	ancaagcttg	tacagtcatg	tctgcanggn	ccagatatga	300
atatcactgn	canatggtac	taatattaaa	aagccaatca	aatgttctgc	accaanatac	360
attgactntt	natgacttgg	gttcaagatc	agcttgatga	tgaaactctt	tttcccttcta	420
agattgggtgn	ccattttgcn	aaactttatg	tctgtgngca	nanactattc	taaagcgtct	480
gntcagggtt	gatgcccatt	tttatcacca	gcactttgan	tctgtgatgc	anctgcaata	540
ggaggcccac	ctcancacct	gctttaagca	ctttattgtc	tttgntcagg	agtttaatat	600
gggtgatagg	cgtgaactgg	caccttggtc	aagaattaat	anagaanctt	ggatcacaaan	660
acngattaat	gtttntnta	gaacacagtt	ccccattgct	taatctattg	ntagactatc	720
tnattgctat	ctggtattng	actacg				746

<210> 5060

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 5060

agagnnttnn	ncnnetgaag	ccctntaaan	nggctgggta	ggctcgtncn	tctccangca	60
gccannngcg	nntcgaattc	ggcacgcagg	tagcgacntt	tnnagtangt	gggtgggcanc	120
tcaccgtggg	nacagtttagc	ctntctatnc	ctngcntnct	ncaactccnc	gnantngcta	180
aanggctggc	nanaaagcat	gnaaaggact	ccgnaaaggc	cannacataa	cgcngtatnc	240
nccgatcgcc	anancagctc	ggntggcagt	gnccactngg	antcgtntta	tgatcgacac	300
ctagagatga	tactggcgca	cncagcnttn	gtncacgcgn	ggctcaactt	ggcnacnant	360
gncacngngg	caggngnncc	tggagtaent	nnccgnaagc	ngtgctnnga	ctnggcntgg	420

actgnntcan	aagactnnta	ngtaaaccgt	atctccacnc	gnatcntgca	actatgctnc	480
ccttgganat	gagnnancag	antgtcatan	aaangntaca	antgcngata	gtggnncant	540
cacananatg	cacagngccc	ntnttgncaa	natnggacat	cccaggaant	gccagangat	600
canggangcn	ttgaaatntt	angactnnta	antgtcncnc	gcttgtgnaca	gagctgnttg	660
aaaggcagtc	ggantgcac	cctggngaaa	gcccacaagt	nntgacgttt	tggggattng	720
natttgaanc	aaaagcngaa	gaactttaat	taggattctn	cnanccatcc	cnaattgctg	780
ggaattcgaa	atctttaacc	acatggcc				808

<210> 5061

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 5061

taannatcag	ctcttggtcn	ttgaagcctg	ctatnnncag	ctacttggtc	tttttgcagg	60
acccatcgat	tcgaattcgg	cacgagtggg	aaangtttta	ttntnncact	gnngttgncg	120
gttaataana	tggtgncaaa	cgtgcncctg	tnacacactc	gantatntnt	ttangaaatg	180
ntnatgtggg	natgattacc	nttagatcaa	tactttaaat	aattttaccc	nttttacaag	240
ggtaaccang	ggcatactga	aacttttagaa	cncttncngc	aatnncnatg	ggggangttg	300
ggtgangctt	nggatccctc	ttttngttt	tgcacgntgn	aanngangtt	nccagntggc	360
atnttgaata	tgctgctttc	caaaaaccca	ngaagtnta	aaattgcttc	ctggnccttag	420
aggactaana	acaagaccct	cattcccact	ttcatttnca	ctctagcaaa	aactgggctt	480
gcgtanttct	ccanctactc	gnntatatcc	tcnttccatg	tncaaaccct	ncattccctaa	540
gngggattgg	cttactttng	cccateccata	tggcagnatn	tnaataagct	ttgnaccggt	600
attagatctt	ggccttaggc	ccangttcaa	aacaagtgcc	natctatgac	caggggnccaa	660
anaaaaaana	tccaggattt	cgaangagan	acnntncatt	gggantnaag	actcntacna	720
agtccttagc	cnttttcata	aaagcctggg	cctctaattg	ctggnnaccat	tttaangggg	780
canttatnaa	an					792

<210> 5062

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 5062

tttnaaancc	ntggttnaat	ncctnnttga	anccttttta	tgatacacgt	cttggttcttt	60
ttgcaggatc	ccannnnncag	gcttgacceca	cgcgcgccag	cctgtaattt	cttataacttn	120
gtatnttgta	cttgattatt	gcttctgata	cgtataatn	atztatgtac	atgttttttt	180
nctncaatan	actgggaact	cttcgaatgt	aggactnnta	atgctagata	ctcaattatt	240
ttntattaaa	ttgaatgact	ngaaactaca	gacccctnat	ntaaacttcc	caaatttatg	300
ctgtatttaa	ncngctcttn	aaatctgggc	nntaangnga	attntnaagg	cttgggacat	360
gcacatgatg	gntgtattgc	caactgngaa	aagggtgatg	nttactggag	caggggcaag	420
gacacctggc	cccgcgccga	gcaaaaactg	ntcaaccaca	aacgatagca	ggaaaaggcc	480
tgtgncttnn	gcaacantgt	nttgctgcag	ataatnncnc	agagcctgnt	tctctgntct	540
tnctgagatt	gcttttggtc	cataaangat	tgtttttagct	aatctacaat	ctatagaagc	600
aatgntanaa	cttggttttt	tggantaaan	ngnnggggna	aagnttngna	atgtgggntg	660

tcaannttttn	gaaaaaannc	tnnatacnan	caaaanttna	nccatttttna	atnttttagng	720
gnggantant	ttnatnnann	nttnntagan	actntgntga	gtttgnaaaa	acccaaantn	780

<210> 5063

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5063

cgnnnctttt	tgaaccatt	tctcgttctg	caggatcna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggtctgtc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	ttncccatga	acagctaata	tgtanngaaa	gantgancta	180
gcaaatgagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcanc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttctg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggttg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatact	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgcactta	ncattggctt	gcttcagttg	ggcctcttcc	cancagtat	gccaggtga	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaatttctgn	aataacaaag	gcagtcnngn	600
attctttcct	ttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accnctggg	atccaaatga	caattgtgct	gaaaaacna	tc		762

<210> 5064

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 5064

gnnnntnnn	atctgctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
anggtgactg	cagttgacga	aagcatgcca	tgggggatgg	ggacattgnt	gggccacatt	120
ttggngacng	acccnngctg	ttgacttttg	gacccnatcc	tttgannttt	ggcntgccct	180
cntagnctt	ggaattccct	gttttccagc	ccancccccna	tggtatgtat	attcnttaca	240
agtnctcna	aagancannt	gtctaggatg	cggggagggg	aggttccttc	cntangggag	300
cgtgganaga	aggagcagc	cttgggggtg	nattntnggt	natgcntcan	attgggcatg	360
catgggatgg	nanangggct	cagccactnt	cctncagaat	cttcctnaga	ccctncaact	420
gcantatgta	atnctactct	gtncctcata	naagggangg	agccacatat	gacattccag	480
ttctaagccc	ancatggang	aacangncta	tgcccccata	ngtgangtan	aagtagaggg	540
cttcacctgn	cagtatncct	gccgctactt	cctcacataa	ggaangacga	agaagnaacc	600
nggacctcgc	tttnccatgg	tgcantcagg	aacanggttt	tacgcagctg	gccaactntg	660
aggetntgct	gncttttntc	gtggncagtc	caggaaatgc	ttacaccacc	ttttttccca	720
ctnttncctc	ttggattntg	gggncccn	aaaccggaat	tnn		763

<210> 5065

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5065

cgnnnctttt	tgaacccatt	tctcgttctg	caggatenna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggtctgtc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	ttncctcatga	acagctaata	tgtaannгаа	gantgancta	180
gcaaataagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttctg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatcct	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgcactta	ncattggctt	gcttcagttg	ggcctcttcc	canccagtat	gcccaggtga	540
actttcgagg	ttgtcattaa	gtaagttgtg	aaatttctgn	aataacaaag	gcagtcnngn	600
attctttcct	tttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accnctggg	atccaaatga	caattgtgct	gaaaaacna	tc		762

<210> 5066

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5066

agagnnnnnn	tnttgtctac	taatagntgg	gttggnntnt	tnttctncac	gcannccagc	60
gnntcgaatt	cggcacgagg	tccatctttg	tagctgacat	gacacatttt	aaaaatttca	120
cattaaaatg	aaggcatcta	atggctccat	tatgtctttt	agagtggctt	ggcccagcta	180
attgcatatt	gaaatacatt	agattttgtca	taaattactt	tcctttattg	tcttttctgt	240
caatcttagg	acattaaatg	tatatgtttg	aaattgtggt	taggtagggt	atctgagcat	300
ttggttcana	tagtaaagag	agtgttataa	gttactgtga	agccccaggg	gctttgggac	360
tgatagggtt	tagaacattg	cactagggga	aatgaattgt	aaagtaatgt	tntttctcta	420
gactaatgat	tcagctgaat	taatactttt	aatgtgaagc	atttttaaag	aaagcaaacc	480
agcctgggtg	ggtggctcac	acctgtaatc	ccagcacttt	gggaggcaga	ngcgggcggg	540
atcacgaggt	caagagattg	agaccatcct	ggccaacatg	gtgaaaccct	gtctctacta	600
aaaatacaaa	aattagctgg	gcataatggt	cntgcctgta	gtcccactac	ttggggangca	660
nangcaggag	aattgcttgn	acccgggana	tggaagtgtg	atgacccaaa	tcggggccctg	720
nacttttacc	tgccacanant	gagant				746

<210> 5067

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

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<400> 5067
gnnagnnnnn nngngnnntt tnagatacag gctacttggt ctttttgcag gatcccatcg      60
attcgcaagc attcaagaaa taatggtgag aatagcctgc taatagcatt attccatattg      120
caggttgatg ccgccttacc tttggacatc ctaacctatg aagagaagac ctgttcagcc      180
atcttgagaa tatgtagcag tggctctgtc aaattgtgga gctctttgac cctgttagga      240
tcctataaag gcaaaaaatg tgctttccgg gtgattcaag tttctccatt tcttcttgca      300
ttatctggta atagtaggga actagtattg gattgaatga ataagtcttc cattttggaa      360
acgttcatcc actctcatat ttattttttg gtgcctgcat gtttgaagac tgaagcaggc      420
taaaagctct tgatgaaatt tgagggtgct gaagatgttc ccactaattt ccagccatca      480
cctttggtgg ggtgggcttc ggaggacaag tctgtctgaa cctgccagtg ctgacctgc      540
agcactttca gcatatgcac atcaaaaagt ggagaccgag cctgaactta nganggcctt      600
cacacagact gatgtggcta cccttctcag aattaacagg ggatgtcaat cctttgcatt      660
tgaatgaana ctttgcaaaa cacaccaagt ttgggaaatn caattggnc tgggaagttt      720
tgacaacgga ct                                          732

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<210> 5068
<211> 820
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(820)
<223> n = A,T,C or G

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<400> 5068
gggntttata tatcagctct tgttcttttg caggatcctt cnatcggtan nengnnecgan      60
ctganttcgt acnnagngct gctnntacct gggctnactg gannnctcca nctacncagg      120
cagnaggatg gnagctnaac tnccangang agcttgacaga gnncttgnaa tccgtgccac      180
tgactccag cctggcctna cancanccgn gactcnnngc tnntaancct aaaagnctcn      240
ttatcagcat gntcccat ganagngtcc tacatnctgn gacattcacc tatattccng      300
ggncctntta attnncacn actgctctta gangtcttag ncttttatgt taattctnat      360
aaatncnatt gaatanatat tatncccaaa tcttagtggt ngcatnttag ctattnaanc      420
ctntccaang tangttaaag gccaccgttt tcngatnaat nctnctttt atantcnatc      480
tggaataneg catttctntg agaataaaaag anagtttntt tnaanaatag gatcttttng      540
ncccttcggn ncgncctttt tgncccntag ctgctttggn gcaantntga agttgagnga      600
tcnncnttgt agccctagga atttccanan ttgcncgtnt gtnantggaa cttctnancc      660
ttgtgccnan agnantnatn nccctntnn tttttaaaaa nnaattngtt tcaaanttcg      720
ncctntttt aataggttn anatgnttat anaccnngn cnaagttntn caatcttnan      780
tcccttnag nntccnaatn aatntaaant ccttnaatng      820

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<210> 5069
<211> 833
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

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<400> 5069
nnnnnnnatn atnnnnntnt nnnntntntn nnannnnntnt ttnnnnntnt ttggtgaggt      60
naatcttctn ttancctcca nntntcgntc tnnttgcant nccngtcgat tcngataact      120
agtcaataag gaacaggatc aacggccact ccacccatgg caaatccaca tgcagggnnt      180
ctncaccaag gttccagcct ncaaagtga anacgcctng gaacagcnag ggaggtnaac      240

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aataattnaa	nananagaan	ggaataacgg	cnnaagaaaa	ngaaaaanaga	ancgaaanaa	300
ctaangntng	aaaaccaccc	ggaaaactca	aggaatcaca	atcctaanaa	gccccaaaag	360
ggacaggang	ctnancttga	ngctggtggg	gaggaantcc	ctgaggccaa	tggctctnca	420
tggaananga	gcnagaataa	gaancanngc	aaggacancn	ccncttagga	atangcacgc	480
gttggcgcn	ggaaaacgaa	ncngangcac	tctgaanttt	aaacatatc	tnagaaacaa	540
caanatnaag	cttccagaac	attctgaagg	gcnganaacc	agaataccat	naagctcctg	600
caaaaagtta	attnnnctgg	aagggaacta	ttaaancatt	ctnaaacaag	ccccaaacaa	660
tnaaataacc	ctcaaaaagc	taangaaaaa	agtttttnt	tantactaca	caggtgacca	720
gatttagcct	tnaccagatt	tccaaanaag	gaaactncct	tgggtcattc	ttttaacaat	780
gaaaaattta	tctacntaaa	ncctttcctt	tttaantttt	tttaaaaagg	gng	833

<210> 5070

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 5070

agagnnnnnn	nnntttgtct	tntggetcct	aanaggcttg	gctacttggt	ctttttgcag	60
gatcccatcg	cttcgaattc	ggcacgagga	gccctcttat	tgtatatact	gaacgcattt	120
ttaaattgaa	gagatactat	tctgtgtatc	tttgaggcg	aatgagtcct	aggttgccca	180
gtgtctcact	agttgagatt	aaatttttgc	ttatacttgt	tgatttgact	gccttctgaa	240
tagtattagg	aacacattgt	aaattttgtg	ttgatggctg	gctgaagttt	tccagcacat	300
ttcttgaggt	tgccaagttc	ttctacaatg	actgaatcta	ctcttcattc	attctagtca	360
gcagtctcac	acttaattcc	aaggtttact	taagattttt	ttctgaaaaa	gcaatgcttg	420
ctttccatat	ttgcatattt	tttctctgcc	ttaatagcag	aaacaatggc	ttcatcttgc	480
atttgtatca	gattctttcc	attgatatat	cttgtcctta	ttagctagtt	gtttccctact	540
gggtgcagtg	gcttatgcct	gtaatcccg	cactttggga	ggcacaagcg	ggaggattgc	600
ttgagcctag	gaattcaaga	ccagtctggg	caaaatagtg	agaccccatc	tgtcaaaatg	660
aaaaaaaaaa	aaaaaaactc	gacctntaaa	ctatagtgag	tcgattacgt	agatccagac	720
atgataagat	ncatggtgag	t				741

<210> 5071

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 5071

ntttttnaaa	acnacangct	ncttgtgcan	gatcccatcg	attcgaattc	ggcacgaggg	60
tggctcggn	tgtnctgng	gtttcctgag	ttgctgctgc	tgcggcgggc	gcagcggt	120
ctgtgcttgn	ggaggtgtcg	gcctntgggc	ggatgttgac	attgtgttgn	tgttatngct	180
gatggtaatg	gcnnccggcg	nggcngctga	cggtccagac	cccatccact	ctgtagccgg	240
agccganaca	gccgacagcg	aactncncgg	cctcgnatcc	ggcagcagng	gngactnccc	300
tcagcctgcg	ccgcctnncc	cgncgggtnc	cnngagccaa	cccngggagt	cangnccnt	360
nngcatggga	gctcgnaagc	tnangatggn	ngatttacac	aaaanctatg	atgaatagga	420
ggacnaggan	cggccctgga	ggagcagctg	ctcaattact	caacggaccc	gggtgctgct	480
ctcgatccg	gtcanntcan	cgtatnagga	ctgagcaaca	aatttgaatc	tgaattgcct	540

anttcattaa	ctggaaaant	cactcctgaa	gaattttaaag	ccngcattaa	cattantnac	600
aagttggatt	aanaaaaaacc	ttctgtaaat	gtccgttnt	ncttagngga	ngccttnnat	660
tgctgctgcc	attangtnen	ntttgtggcc	agtnnttggc	tnaattaaag	aacnctaaaa	720
ngttgagnat	ttantagaat	gggaaaancc	atccgttnnt			760

<210> 5072

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 5072

gnnttactna	tatcagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggaccgcca	attctaagat	tgtagtggtg	actgcaggag	tccgtcagca	agaaggggag	120
agtcgggtca	atctggtgca	gagaaatggt	aatgtcttca	aattcattat	tcctcanatc	180
gtcaagtaca	gtcctgattg	catcataatt	gtggtttcca	accagtgga	cattcttacg	240
tatgttacct	ggaaactaag	tggtattacc	aaacaccgcg	tgattggaag	tggtatgta	300
ctggattctg	ctagatttct	ctaccttatg	gctgaaaaac	ttggcattca	tcacagcagc	360
tgccatggat	ggattttggg	ggaacatggc	nactcaagtg	tggtctgtgtg	gagtgggtgn	420
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gaaaattgna	aggaagtgc	taagatgggt	gttgaaagtg	cctatgaagt	catcaagcta	540
aaaggatata	ccaactgggc	tattggatta	agtgtggctg	atcttattga	atccatgttg	600
aaaaatctat	ncaaggattc	atnctgttca	acnatggtaa	aaggggatgt	ctggcattga	660
caatgaannt	ttctgagcct	tncatgtatn	ctcatgccc	ggnatatacc	tcgtnttnac	720
ccnaacctan	ggatgatagg	tt				742

<210> 5073

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 5073

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tcgattcgaa	ttcggcacga	ggcccagag	ggaacctcct	ccgctggggg	acgggaagcc	120
caccgacttt	gaggatctgg	aggacggaga	ggacctgttc	accagcactg	tctccaccct	180
agagtcaagt	ccatcatctc	cagaaccagc	tagtcttctc	gcagaagata	ttagtgcata	240
ctccaatggc	ccaaaaccca	cagaagtgtg	attagatgat	gacagagaag	atctttttgc	300
agaagccaca	gaagaagtgt	ctttggacag	ccctgaaagg	gaacctatcc	tatcctcgga	360
accttctcct	gcagtcacac	ctgtcactcc	tactacactc	attgtctcta	gaattgaatc	420
aaagagtatg	tctgtctccg	tgatctttga	tagatccagg	gaagagattg	aagaagaagc	480
aatggagac	atttttgaca	tagaaattgg	tgtatcagat	ccagaaaaag	ttgggtgatg	540
catgaatgcc	tatatggcat	atagagtaac	aacaaagaca	tctcttttca	tggtcagtaa	600
gagtgaattt	tcagtgaata	gaagattcac	gactttcttg	gtttgccagc	aaaattagca	660
gccaatattt	acatgttggg	tatattggng	ccaccacttc	cagaaaagag	tttagtaggg	720
atgaccagg	gc					732

<210> 5074

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 5074

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angnntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatnna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttacn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacntnt	300
gntatnchna	ncanagtnct	aaaggatgnc	natnatagca	gcncctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caagggtggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtattttanga	tagtggccaa	agtattgtaa	tgatggctta	tggagtgtca	gctggataaa	540
gagtgaaaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatgggtca	600
tggccagtat	aataggggga	cccaaataana	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tgggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aatgtttacc	agnggncaat	tttgttggcc	ccatggtggg	gaatccaang	gc	772

<210> 5075
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 5075

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tcgattcgct	gtgaagacct	ggaaacagac	aaaaaagagc	ttgccaagct	ccagactgtc	120
cagctggatg	aagatatgca	agacttatga	actttatttc	ctcctcacct	ctttttggca	180
tcagcggcaa	atcttttcat	gaagccccaa	ggacacaaaa	cattttccca	tttaaaggaa	240
aacactctag	ttttgcaagt	atatgcatac	aagagacttt	agattgatct	gcatgaagat	300
cacagttaag	tatacaggag	tagaactgca	ttattgcagc	ctttttgttc	acttataaat	360
ttctctttta	aatagatgga	gacaaaggac	aaggtgaaat	gtatcaagtc	aaagtgaatc	420
atttagttga	ctctataatt	ctaagggtcaa	aatggaactt	gatagttttt	taaattaaaa	480
aatgtataca	cctaacatag	aaaattaaag	atagctgcag	accattagaa	ataatacaat	540
tgtttttggt	tacttttact	ccatgggcat	tgaaaagggt	aagaaacata	aatgggtccat	600
atttttaaag	ttaagtagca	tgcatatata	tatgcacaca	cacctctttt	tcagcatttt	660
ttgagaaagt	cttgggggtc	caaacacatt	tgtctcaaca	cattttccaaa	tgtggattct	720
aatagctcan	tgtggctgaa	aaagtgcena				750

<210> 5076
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5076

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agngnnnnnn nttntctnnn ctactanctg nttggntggt gtttctgcan gcaggcnntc      60
gattctaatt ctgccgnacn cgngagtaaa gctggaaaat nacctataaa taatggcana      120
aaaaaagcta acaatangga agaggaacta tataaaagga acatttggag catagaagag      180
agttcatgga aatgtnaaaa atgatggtac cctgggtttg atatagtaag taaaaaacta      240
agggttaagag ggtcatgaaa gcatctagaa gtaggaggga aagccagtca aattcacagg      300
atgaagtcag gaagataatn gagcagtgcc cgcaagatcc tgagggaag caagttccaa      360
tctataagtc tgtaaccctc acacctgatg gccccttgaa catattcagg gcttcaaaag      420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa      480
cattaaatca agaaagaatc aacagtggac ccagttaata gcngatcagc cnaggataag      540
atgccctaga agatggtgaa gggaaagtct cagaactact ggtcttcagc aggcagcgaa      600
gacacctgat ccatattgga ntgggtggga tgcgaaactc aggaagggat gcccccaagg      660
aaaaattggn aagggntgat gactgncttc aanagggttc aggtctttta aaaattttcc      720
ctnccaacn tcacntttgg ctttngaaan ccncgcctga t                          761

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<210> 5077

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 5077

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agngnnnnnt tttntctctc gcctaattgt tggctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag gacnancctt ngcgctgcc tntccangat gtctacanaa      120
ttggtggtat tggctactgt cctgttggcc gagggtgagac tgggtgttct aaaccnnta      180
tggtggtacc tttgtccan tcaacgttcc aacggangta aaatctgtac naaatgcacc      240
atgaactttg agtgaagctc ttcttgngga ctatgtggnc tncaatgtca agaatgtgnc      300
tgnaangat gtcccgncca aggcaacgtt gctggtgacc gcataaatgn cccaccaatg      360
gaancatctg gcttcaactgt tcangagatt atnctgaacc atncatgcca aataagntnc      420
cgntnatnnc cctgtnttgg attgccacac ngtttacant gcatgcaagt ttgntganct      480
gnaggaaatg attgacnnn ntctgnntan aagntagecn atggccctan attcttggac      540
tctggtnatg ctgncatngc tgatatggtt cctgncacga ccatgactgt cgaanagctt      600
ctcaagacna tncaaccttt ggntcncctt cgtgctacga ggatattgng caccggacag      660
ttgccgnagg cnttttggatc aaggggccnt ggacaaaaaa gctggtcgaa cctggcnaag      720
gtnaaccaan ncttccccct aaaacttcan naaggnaaan tgcan                          765

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<210> 5078

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5078

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annnnnnnnnn nnnngncnnc nnnnnnnnnc nnnnnnnnnc nnnnnnnnnn nccnngnnnn      60
cnanncnann ggggnnnncc gntnaaaacc ggtngcccn ggcncgggc gggngggcnc      120

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nnanccgaat	ncngcacgna	cggggccgnc	ggngggaccc	tgggntgggg	gcnagaanca	180
nccgacgng	gccagaana	ggggnctggn	gncccaagan	agaanncatg	antagnacac	240
tgganacnaa	anccgtgtgg	ggacacatga	anccccnanc	ccatgngtcg	nancctgccc	300
anaagtgant	gtgnagntna	ctggaagttg	gggntccaac	cgncaaaccg	tgggatccca	360
aaacnncang	ncaagccagg	accttngcac	agcccgnaaa	ggnanatncc	cncnaannng	420
tctngagacc	cgggntgnt	gggggaaaca	gcaggcccgc	acantgnnng	gngtngggac	480
ttancggaaa	catgggtaac	gtngcancag	cgccacggga	gtccaacccc	tgaaaatacc	540
caganctcgc	gtgnanancc	aaccgngnnc	ccaaaacaaa	gcnaggggnt	atgggnttaa	600
aancccccna	nttnaanagc	ccnccgnggg	gnaannangn	agnntttttg	ggancccaaa	660
ancccnngga	gggggcccag	ganncgaaaa	aangnatncc	cnttnaaaag	gncnccanga	720
actnanaaag	gganaaccan	nntnecngnc	ccaatntnac	ccccaannc	aatncccnnt	780
tccgtgcngn	cccaatnatc	cncnagtn	cattntggcc	ncnagnggng	ggggnnccnc	840
aaangncttc	ttgnaaacan	atnggggaaa	ccntttnacc	aaaaaanngc	gnannngggg	900
cccaatancc	accgggnccc	cccanann	annggccann	ancntgggcc	tccaaaaaaa	960
agaaanngg						969

<210> 5079

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 5079

agagnnnnnn	ttttgtctc	taatggctgg	ctacttgctc	ttnttgcagg	atcccatgcg	60
attcgaatgc	ngcncgaggc	nttagttgct	nnttgaaaag	ggaactgcac	ntgacnntat	120
catggaanga	tagctncact	ncttnccgac	cttggtcaca	ggccgncatg	agganggact	180
gttccantgc	tnengngggc	nctgnctgnt	tnctcatcac	tggnccttagc	tttggagtac	240
ncaactccaa	gtggcccgag	tctagactct	atcaaantnc	acactgatag	caacaatgan	300
tgcatctgat	gtgtgctgct	ggcnatctta	agcccaaat	gcttcaaaga	tnaaacagnc	360
atatacattn	aagatacata	tanaaatngt	nnaattngaa	tgtatacaan	ntagattacc	420
ctaacgaact	tcactacaag	aaatncatct	tatatccnng	cacnnaaatg	tgganmtnta	480
catgaaagga	tataccggtt	nanaaaccac	atnccatntc	taaatgctga	ntgagaaggc	540
ntggactact	aaacctggat	tactgatnaa	atttcaaaan	gancttgatt	ttgctagcag	600
aaatcnttac	ccngttctcn	agcttctata	ancagttctt	gaagggatta	nacagctggt	660
cctctntcca	aattctggat	taatttcagc	tgtgtatttc	cnannnaatc	tttcagcctc	720
tagaactata	tgagtcggnt	tacgtann				748

<210> 5080

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (949)

<223> n = A,T,C or G

<400> 5080

gnctactttt	nttatentan	cactctgctt	tnctgcatca	tcgantccta	tnatgtgggt	60
tnacctnatg	cgggnntaan	ccagnaacan	cntggcccat	gtnnccntga	actcacattn	120
tgttcatgna	ttccagaatt	nttnantgga	nagattaata	gncagaaacc	ccactaggna	180
canatcacna	nacngacgct	tntagcttgn	agacctntta	ggcanaaagt	annaannana	240

ntnggatctt	gcngneccta	atctcttccn	ggaananggg	cctatagntg	gcnacttgga	300
aaacacggn	ctgntccann	gtttnttgcc	ccnnaccgga	gacaccacna	gtgtcacctc	360
caaggggggn	cttcaaant	tggggtgcgc	ccggtacctn	ttgaaaatga	aggtcncccc	420
caaatggggg	gngagttnc	catncctcgc	cccttgnggg	ttnatattggg	ngaacctcnt	480
tggnccectn	tttttacttt	tagggggcan	ccccattttt	cncctttggg	accccttng	540
gattttgtcn	ccttgggaaa	acaatttttc	ggggnccaaa	actttanaat	tnaannttgg	600
tttanagcna	anantgtggn	cccaaatgg	gtacangggg	gttncccca	caaaagccgg	660
ctctttttga	tattgcatac	ctcaatnccc	acttgtcaat	ccntttttaa	ttactttanc	720
ctctaacata	atgaatntta	ncgccctnan	aattccntcc	tganatacat	gtgangcctn	780
ttgcctgana	aantgacacg	aatnatTTTT	naanngatct	nntgannnnc	nctcancata	840
cgatattnta	cntctngnct	tnagaanaact	cttttattnc	ctggnagatn	aaaanggtan	900
cantntaang	ctntnttgtc	atcctcanag	ganttaangc	tataaaaann		949

<210> 5081

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 5081

ngnttnaaca	cctgntgtcg	ttctgcagga	tgnanganen	ctngnttcga	angngcnang	60
ngtgcacgat	nctgncenn	nattgctagc	gntaanacce	ncgagggagt	atggatncct	120
gnaaagcnet	ctggtccttg	ggaanccnnt	ccttnngtgc	ntnttattac	tgnaattnt	180
canaagattn	tgagatgtc	ncagtgtcnc	attgctactn	tnattgtaat	cattatggga	240
ttgatacget	gtcanaanta	ctgccagcgg	cagctggagt	tgcttngcat	ttcacagtac	300
anacagnaga	ctatgtnaat	aatnggcaga	anaattctac	tnngctgtgg	aattcccaaa	360
ctaataatggn	ccagaaacta	gctaatacnaa	tcanttatgt	ccaacaaact	gtaatgnggc	420
taggagattg	agncgttagt	ctagaatata	gaatgcagnt	acaatgtgat	tgggaatactt	480
ctgattnttg	cattactcct	catctgtata	atgaaagaca	gcatgagtgg	gaaagagtta	540
agaaacatnt	gaaaggncat	actggaaatt	tacttttagat	attntgcaac	tgaaggaaca	600
antttttcaa	tctttctttg	gcacatctgg	acacttaatg	ccaggaactg	aagttgcttg	660
gaaggcgctt	caaaatggga	ttaagcaact	attnacccca	ttaaaaatgg	atcaagacca	720
nnaaactana	anaaaaactc	gaacctntta	aaaccattan	tgangtcgga	ntaccttan	779

<210> 5082

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (935)

<223> n = A,T,C or G

<400> 5082

atggggnatgg	nnnnnnnnnn	nnnnnnnttt	ttttgtttta	aaaccctttt	naaaaattgg	60
gnaccctttt	nggggnttaa	attanaatcc	ctnttgagg	ncttnntacn	ctccctcnaa	120
naanttaana	cactantatg	gccgtntttt	tcccnccnta	cctttgntnt	acaccccat	180
tgtgcnaaaa	gntnnccgaa	nnggtnncga	ccaaacnttg	acannctcta	tagtaanttt	240
acnacnncac	ttgnncactt	cgccanctct	tnaacgcan	actagtagca	gaagtactcc	300
acccttnaan	aaaacanaca	actaangccc	ttttactgcc	ctcatcatcc	nnttangnac	360
ctgcttacct	atgaatgcct	nttanacata	canatntaat	acctggaaaa	tcacccacc	420

ngccncata	ttcaaacnan	acaacacatc	cnnacactag	anactcttgc	ccccacatcc	480
tcaggtnena	caaaacanaa	aaggnttntc	ncncatannt	cttactggcc	ntnccetgaac	540
tangnaccgc	atncaaacca	cntcatcnct	tantannttc	ncttgctcct	tagccagctt	600
ctgncctgan	aaccnccaan	ctggaaaaaac	acatctnccn	anatccattn	cttgngatca	660
caaanacnnt	nnnccgcggn	ctcaannncc	tactcaaaga	tccactgtcn	catctgnccc	720
cctanacccc	tttncntang	cattcctaac	tttntanaca	aactgcttta	cncttagtnc	780
anggaactnc	taccttgcat	catncccnt	tttntcntha	ctttcttcc	ttgatcccta	840
cncttcaaag	ggccttnnga	ancnttgacc	cnanaatnaa	atttaattcc	cncttnttgg	900
aggngtcctt	cnaaacnan	tttntaaaca	cccn			935

<210> 5083

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 5083

ggnnttnaan	ntcagctctt	gttctttntg	caggatccct	cgattcgaat	tcggcaocgag	60
gcaagacagc	cacatttgct	atttccatcc	tgcaacagtt	ggagattgag	ttcaaggaga	120
cccaagcact	agtattggcc	cccaccagag	aactggctca	acagatccaa	aaggtaattc	180
tggcacttgg	agactatatg	ggagccactt	gtcatgcctg	cattgggtgga	acaaatgttc	240
gaaatgaaat	gcaaaaactg	caggctgaag	caccacatat	tggtgttggt	acacccggga	300
gagtgtttga	tatgttaaac	agaagatacc	tttctccaaa	atggatcaaa	atgtttgttt	360
tggatgaagc	agatgaaatg	ttgagccgtg	gttttaagga	tcaaactctat	gagattttcc	420
aaaaactaaa	cacaagtatt	cagggtgtgt	tgctttctgc	cacaatgcca	actgatgtgt	480
tgggaagtgc	caaaaaattc	atgagagatc	caattcgaat	ttcttggtga	aaaaggaaga	540
attgaccctt	gaaaggaatc	aaacagtttt	atattaatgt	tgagagagaa	ggaatggaag	600
ttgggataca	cttttgtgac	ttgtacgaga	cacttgacca	ttacacaggc	tggnattttt	660
ctcaatacna	ngccncaagg	gtggacctgg	cttgactgag	aagatgcacg	ccnngagact	720
ttacaggttc	ttgcttntgg	cttcgcggga	at			752

<210> 5084

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 5084

gngnnnnnnn	nnnnnnnnng	nnnnnnnnnn	gnnngttttt	taganacagc	tcttgttctt	60
tttgcaggat	cccategatt	cgcncacnc	aagngntnag	ccnactncnc	ntcaannnna	120
nactgggcan	ggatnagact	catannaaca	ttgtgctgca	ttgagaccn	cagattcagg	180
gagccatcac	cactacatgg	canattgtga	tctataaatt	gctggggcat	natcacatgg	240
ntccattntc	nnaatggnc	aggatgcttg	cacctatcga	ncngggctat	gttnagtatn	300
cctgggtcatt	ggctaaactc	atagctnanc	gtaancggan	tataaccatt	gacctatgct	360
ngtggacatt	tgacaccatc	agtgtactta	tnngantgat	cactgatgcc	tcatgacacn	420
gacctttatc	aaaggacatg	atggccagg	cctcttgang	cntaccgtgc	tatcccngaa	480
tggtgctnct	nctntngggg	aattttcaac	ctgaggntnt	gaaataatgg	ncaaaactcac	540
cancatggct	tganggenta	cacactggnt	gtnaaacaac	taattgactg	ngatacagaa	600

ggntncnntg	ncnacttctg	naggatagat	ctnagaattn	ttnagctgta	ggctacntna	660
gaaatcggta	caccctccat	cganaggcca	tgatgtcnat	ngtacacaac	tnaccatnnc	720
ttcatgta						728

<210> 5085

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 5085

gagaagngna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgcctcgcg	60
aagnngggg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccgngg	ncccnaggac	120
caggncgcga	cccnnccangc	gncnantgga	ccccaggag	ctcnanngcn	gcnacancn	180
annaccgggn	ncacannggt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacaccgga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaga	caccangnnc	catgcttacc	anagggaggc	aagcnaaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gccccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnnccngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacaccac	gnnnngacac	ggaaaaccac	cgncagaaaac	cnnacgngan	cncccanang	840
nggncancna	ancaanagng	cccncccc				870

<210> 5086

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 5086

gagaagngna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgcctcgcg	60
aagnngggg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccgngg	ncccnaggac	120
caggncgcga	cccnnccangc	gncnantgga	ccccaggag	ctcnanngcn	gcnacancn	180
annaccgggn	ncacannggt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacaccgga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaga	caccangnnc	catgcttacc	anagggaggc	aagcnaaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gccccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnnccngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacaccac	gnnnngacac	ggaaaaccac	cgncagaaaac	cnnacgngan	cncccanang	840

nggncancna ancaanagng cccncccc

870

<210> 5087

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5087

agagnnntnn	ntntttgaat	cctaattggt	ggctacttgt	tctttntnca	ggatcccatg	60
cgattcgaat	tcggcacgca	ggggcgcccc	atcttggtgn	tcantnncta	tgccctctcc	120
cntgaccacc	cgacagacgt	ggactacang	gtcatgntca	cngntancga	attctacacc	180
angctgatng	gctttgacaa	ntccnnctn	tancagttgt	ncaaaccac	tatnnncngcn	240
aactcgaggg	tcangccnaa	cngtaacnat	ggccagtgag	ggnacctacg	caactgnact	300
cgganngttg	tatggagaaa	ctggtagacn	tcaaagactg	cctntccgct	tngtggtncc	360
ngcnacagag	gangangtcc	tacgtgnntg	agggtnccnc	cnttgggggt	atnnnancgn	420
antaggnnta	ncnctggacn	ganctggagg	cgcattgacan	cacatgatgc	ttnttgaggg	480
cctgaagatn	atcntgancn	acangtgtcc	ngtgangccc	tgtgantnca	ttatcatgta	540
gatttaggtn	gangaatgnc	ctgggacana	tgtttgtaca	tagnggccac	ctatganttn	600
acagantatc	tcataactna	tcagattgct	tnacngtctg	ggnancnaac	tcactcattg	660
gnaanntctt	gcatgctatn	cccaatgggt	ggatngcctt	nancttaaan	ataangntgn	720
tttttatcaa	nngggcanan	aaaccgtntt	annngggtn			759

<210> 5088

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 5088

gaattgctct	gtgtttttgc	aggatccatc	gattcgggnag	tgngnagagg	cncacacnt	60
ntgngataaa	tgactnnan	nnctncngcc	ttgaanttcn	nnaggggtca	nnnctnctac	120
tcacnggnag	gngngccnna	agananctgt	gggtntctgt	ggatnaannn	gtnattgacn	180
gccctggnt	ggntcaaaaac	ncnnccctag	tcntcangct	ncagggtnag	gnacanaacng	240
aatntaentc	tcctntgnga	ggnatcntac	tattncgtna	tggnnancnt	aatgctccac	300
annaangtgc	ngtngactca	cgtgctacg	actctcgaga	cnnttcntag	aagatcattg	360
tcntctntac	cncnntngga	acttnaacta	tgtattgana	naaccttgag	gatgctatgt	420
ggccacagat	tcctatttca	atggaaaacg	ncnnctaca	ttatgcangg	gnnnctttct	480
gaatcgtgtn	gcacntcntt	catggggctc	naatnngccg	cttnaancnc	aaatattggg	540
cgttgcaacn	gctttgacan	tgtgtaannt	ctnngtntgc	nangctatac	ttggacccat	600
ttgccctgta	tgngcccttn	gcaatggntt	cntttcnaag	tataactacn	ancttncaaa	660
tggncagggt	cctgatnnnt	nccattttgc	naacgtgctc	atttnaanac	tgactgnaan	720
cgtttttgac	aaaanaat					738

<210> 5089

<211> 856

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (856)
 <223> n = A,T,C or G

<400> 5089
 gngnagnnnn nnnnnnnngnn nngnnnnnnn nngnnnnngtt tntnatanca ngctcttggt 60
 ctttttgcag ggatcccatc gattcggaant canctcganc atggannncc tcncctcagc 120
 antcnnatgn gcncctnngg cnagntcacn nttgctgctt nagnnnntnc tgtcnntncn 180
 aattntgnaa ngncctnaat gtgnnannaa tcaggaaaat gctncntnca annctttagn 240
 ntttnaaccn tccatattct taacatntgn gacatnccat gggatgcnat taatattcaa 300
 ggntttttatn cgggtactnaa aaatanacac ttctaccngt caangttcng aaanancgat 360
 catnccntg aancatngna tgtnnatanc aacctntgaa nagntnctca tttncacctg 420
 aaatcatggc actnatagca acctttntan aaggctataa aaanggactt gaatgtncna 480
 attgcccag aagagcgcta cccttcggga aggggaancc tgaatgttgc aaccactggg 540
 gataataant acccttattg tcaagaaaat ggcattgggg ggcacattca tntgaatttn 600
 ggacctggng actccttacc gaaattccca nccaggttcc acnaatggna atttgaagnc 660
 ccgtttgnt nttcngggac cagtggggaa aagcaattaa aaggccaaaa tccttccnaa 720
 acctttntca agggttttna gnaaagtncc cacatgggtt nnaaaggct ttaaggactt 780
 gcnttgga aangggnaaa aacnttttaa attgtaaggc ccaanggatt ccggaatacc 840
 gccngtaciaa taaaaa 856

<210> 5090
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (721)
 <223> n = A,T,C or G

<400> 5090
 ggnttttnnat cagctcttgt tctttttgca ggatcccatc gattngaatt cggcacgaga 60
 gaaaatcagg gatgtattag gaaagtaaca gtctctcatc aagaagccct ggctcaggna 120
 tatgaatata agtactgtgg agaggcccta tggatgccat gaatgtggaa aaacttttgg 180
 tcgacgcttt tccctggtgt tacaccagag gactcatact ggacagaaac catatgcatg 240
 taaggaatgt ggcaaaacct ttagccagat tncaaacctt gtgaaacacc aaatgatnca 300
 tactggaaag anaccccatg agtgtgacga ctgcattcag acnttcagtt ncctttcatg 360
 gnttantgaa cnccnantaa cgcncactgn gngaanccct tangnatgta ctgagtnggg 420
 aaaggccctt anccgagcct acaacctcac tnggcntcag anaanncaca tntgagggaa 480
 acactatnta tgtanganat gnggnnnnnc ntttannact ggctnagaac tcnntngccn 540
 cnaattaca catactgaag nnanaccttn nngatncatn gnatgtgnga aaggcattnt 600
 gccgtttctt gcaccttact ccnangtcat ancntnccta caactcaaaa ccccntnttg 660
 aatgggtgcng aatntagaga aagncttttc gnnngaattc cnttncttnt nnaaannatt 720
 c 721

<210> 5091
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

```

<400> 5091
gagnnttttnn ccncnngaaa gcccttctga aatngcttgg gnaggteggn ctnnncnca      60
ngcagcnana  ngcgnntggcg aattcngcac gcaggcaana ctttttcctg gggcaggggn      120
gtcagcnatt  attnaattgg attattncta agttngctan ntgggncann tgtgnggagn      180
agggagnntn  cctgccacnt nttctgntnc ccncttctg cccacacatg cagcatccaa      240
agtccattna  ntnaatgaat ggacanagtg ccgagcanac nggggcnaa ncangnncnc      300
agtcnacgca  tccngnntcn taggnaaagt ggtgaccgnt cncggnggga cntgccnaan      360
ccctggnaca  cagncggna  cnntnnangg acnngcannc ctnggatgtg cctcaggaaa      420
aacagggcna  gccttcnagn nccgnatacg agtnncnggc cttananncn anaacaangg      480
cnctnacttg  cngcatgctt cactattctt tnaggcacat atatntntnc ttattagntc      540
ctencatccc  atgagggacn cagtggctna tgcttgggaa ancngncctt nngnangtca      600
aagngggagg  attgctcnac ctaggaannc aagaccacgc tgggcggnat antgngaacc      660
cancggtacg  acttgaagaa aaatatccta ancncngcct tactaacttt agngngcnca      720
attacgtaag  anccanacgg atcagtttca aatnagggnn      760

```

<210> 5092

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

```

<400> 5092
nnnnnnnnntt nnnnnnnnnn tnnttttnan nnnnnntttt naataattgc tattgttctt      60
tttgcaggat  cccatcgatt cgaattcggc acgagccag cccacccca gccccaaagg      120
aggctgttcg  agagggacgt cctccggagc caacccacgc caaacggaag aggcgctcta      180
gcagttccag  ttcagctcc tctcttcat ctctctctc ctctctctcc tctcttctt      240
ctctctctc  tctcttctt tcttcttct cctcatcttc ctctctctcg tcttcttct      300
ccccctcccc  tgctaagcct ggccctcagg ccttgcccaa acctgcaagc cccaagaagc      360
caccctctgg  cgagcggagg tcccgcagcc ccggaagcc aatagactcc ctcagggact      420
ctcggtccct  cagctactcg cctgtggagc gtcgccgtec ctgccccag cctcaccac      480
gggaccagca  gagcagcagc agtgagcggg gttcccggag aggccagcgt ggggacagcc      540
gttcccacgc  cacaagcgca ggagggagac acctagccct cggccatgag acaccgntcc      600
tccaggtctt  cataaattgt ctttggggga ttccaccaca cccaatgtc tggagccaca      660
aggagtgtnc  cttnttccca cagaccgtgg ganggtcctt gctgctttct ttgaacttgg      720
cagccttgga  tgganggtc ctttncctcc cttttttttt ttttgt      766

```

<210> 5093

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

```

<400> 5093
gagaagannn nnnnnnagaa agnnnnnnnn naggnaggtt ctaaatnctt ggctatcgan      60
ctctnagcag  gagcccatcg attcgaattc ggcacgaggc gggcgctagg cgcgcgcacc      120
cagcactngg  tcccagncga nanatctggg gcagcgcgcg gtggaagctg cngncngann      180
ggancanttc  tggetcacga cettgacgct agcgcgnnta tcangnggaa accncgnnnc      240
cacnnaaca  aaaagntggc tggatgtggt gncncncata cctggaatcc cagcnnctnt      300

```

```

agcggcnnaa gcatcagaat cacntgaacc canaacacag gncgcnetga nccaagattg 360
tgccccctgca ttctagcctg ggtgacagtg anacnggctc aaaaagataa aggtgtacag 420
ggantgtata ttcagacaac ntggatatga agatgtgcta cnnctantgn nccangctga 480
tactaagtna acactcnnta cnatanagan ggagatntgg gacncatagg actgnggnca 540
tnttaattan ttcangantg tttccacna gcnnttaact ggatttcaca ttanagaaac 600
ntttncagg accctnnaac gggtaaattn ccaacggann nctccaaatg taccaatttt 660
antgccccga atngggaaaa ttncnacang ncccttttnc anggtatgna canagnactt 720
ttaantnacc cnccantcaa cctnnnacca nttnttttan tccangncan nctaccagtt 780
gtncnaccac aaagnttttn aagncccatt nnnnttngtn aatnnnnggg nnaaacccnn 840
nnacaaattc n 851

```

<210> 5094

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (731)

<223> n = A,T,C or G

<400> 5094

```

ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cacgagattg gattgccaca 60
cggctcacat tgcattgcaag tttgctgagc tgaaggaaaa gattgatcgc cgttctggta 120
aaaggctgga agatggccct aaattcctga agtctggtga tgctgccatt gttgatattg 180
ttcctggcaa gccatgtgt gttgagagct tctcagacta tccacctttg ggtcgctttg 240
ctgttcgtga tatgagacag acagttgcgg tgggtgtcat caaagcagtg gacaagaagg 300
ctgctggagc tggcaaggtc accaagtctg ccagaaaagc tcagaaggct aaatgaatat 360
tatccctaata acctgccacc ccactcttaa tcagtgggtg aagaacggtc tcagaactgt 420
ttgtttcaat tggccattta agtttagtag taaaagactg gttaatgata acaatgcac 480
gtaaaacctt cagaaggaaa ggagaatgtt ttgtggacca ctttggtttt cttttttgcg 540
tgtggcagtt ttaaagttat tagtttttaa aatcagtcct ttaaatggaa acaacttgac 600
caaaaatttg tcacagaatt ttgagaccca ttaaaaaagt taaatgagaa aaaaaannnn 660
nnnnnnnnnaa aaaaaactca gcctntaaaa ctntnnngag gcnttttctt anatcccacn 720
tgataaganc t 731

```

<210> 5095

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 5095

```

gnntttnnnn nnnnnnnttt taagnaattt gcnactcggt ctttttgcag ggatcccatc 60
gattcgaatt cggcacgagg attacatagt gacatatatt agcttttctt ccacatttga 120
taacattgct aatattttct ttttttttta ctgaactctt tgaattttaa gttttctctc 180
atttaaattt attaattaaa aacatacctt tactctgttc ccttttagcat ttcaacctga 240
tgttaaaaga tgtgtatgtg tgatatgtgt gtttgaaatt ttaactttca tcttgagta 300
tttaattctc tgaagcagtg catgactctt gctcttcagc ctcttgagag tgtccctgg 360
ttatattcct gatgatacaa accctggaat ttcttgtctg aagtgtnaac actttatttc 420
caggctctaa tttgatttga atagtggagg ttcagattca atgcattaat gacagattct 480
atgttgcttc ttcagatttg ccagacagaa aaacctactt atgtgaggaa atcattaggc 540

```

tttttgacta	tcctctttgt	ataatgagac	tctttttctca	ttagatgagt	aaaaagatcc	600
agagatgatc	accagtatcc	cccagaattc	atatatatatt	aattgaaaag	aaacaaatnc	660
tgggattctt	tnctaaaaan	ggtggattac	atttcttgnc	tgnttgnaca	tctttgnnta	720
acngaaagaa	aaataaaaaat	attnatnttc	caccc			755

<210> 5096

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 5096

gnnnnnnnnnc	tttnaaatcg	cttggcnttt	tgcaggatcc	ctcgattcga	attcggcacg	60
agagcgggnt	ttntnttgnn	tgcenctcat	ttgtngnann	nantngactt	nataatntng	120
atgatnnann	nangtangnt	atgaggnatn	cacatnnnat	tnangntgna	nnatattcna	180
aggnannann	tnncnagacn	ntggntgggn	acntntcana	tngtttagac	tnngncaaag	240
gnnangtnac	aacggatnng	accncaccta	nactgagann	acctggancc	tcagnatcna	300
tcnggnaatc	gtcacnnag	tatacttnca	ncagnanmtn	taaccttaga	tactcgatct	360
taaacttgnn	tatccantnt	aaaaacngtc	ntttcngacg	gntgtntnnc	atcaancagn	420
nnatctnnaa	atctgnnncan	aggancgntt	ttaaactcat	nnctggaatc	ctcagatnna	480
ggacccatnc	angnaggnt	gancntgnnt	gcctgttnag	cacgnanttc	canntgngtn	540
aactctcaca	atgngtttna	agaacncnaa	aggctggccc	ntgntentat	gagtgattct	600
ccctncttat	ctngggngnc	ncnattnaat	ctttggaaac	cnaannttcn	ntaatggtn	660
cccactgggt	nggaaccaat	tngaactgca	ccttcngtn	cctttantng	nggcaaacca	720
aancatnct	tancattcca	tttgaccctn	nttttttacn	ttaanacnan	ccttgac	777

<210> 5097

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5097

aggntnnnt	ttgnnnctaa	tggctggcta	cttgttcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggecn	catgagatcn	cctgctnggn	ncnttgnnt	ctnatggcca	120
ctgntatcnn	agccntgnnc	tgaagggtgca	ngctcacgcg	ncggagggtcc	nttgagaccc	180
agnctgcttc	nataancagtc	cggtcnctca	nancctccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnctn	tgtggncaca	ntaagattcg	ccnggccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgngac	natttngcga	420
cngtnaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcgatnt	gcttaaatan	tgctgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgnccctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atgggtgcagc	tncaagcttn	gtcgnccgtt	cncancttgg	720
tncccgattt	cenggccact	tannccnttt	gaaanttccc	t		761

<210> 5098

<211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5098

aggntnnnt	ttgnnnctaa	tggttggtta	cttggttcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggccn	catgagatcn	cctgctnggn	ncnttgnnnt	ctnatggcca	120
ctgntatcnn	agcctngnnc	tgaaggtgca	ngctcacgcy	ncggaggtcc	nttgagaccc	180
agnctgcttc	natancagtc	cggtcnctca	nanctcccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnctn	tgtggncaca	ntaagattcg	ccgngccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntctgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggontcc	ntggntctgt	tnccgngac	natttngcga	420
cngtnaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcatnt	gcttaaatan	tgtgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgncctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcgncgctt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaanttccc	t		761

<210> 5099
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 5099

gngntgnnnn	nttnnnnngnn	agnnnnnnnn	ngnnngcttt	ttagatcagc	tcttggtctt	60
tttgaggat	cccacgatt	cgaattcggc	acgaggaaat	gacaagatcc	cacaaaagtg	120
ctgcagatga	ttacaataga	attggttctt	cattatatgc	tttaggaact	caggattcta	180
cagatatatg	caagtttttt	ctcaaagttt	cagaactgtt	cgataaaaaca	agaaaaatag	240
aagcacgagt	gtctgctgat	gaagacctca	aactttctga	tcttttataaa	tattacttaa	300
gagaatctca	agctgctaag	gatctcctgt	atcgaaggtc	tanggtcact	agtggattat	360
gaaaatgcta	ataagcactg	gataaagcan	gagcanaaaaa	tcaagatgtt	ctacaggccg	420
aacttcccaa	caattatgtt	gtcagaaatt	tgaaaaaata	tctgagtctg	caaaacaaga	480
acttatagat	tttaagacaa	gaagagttgc	tgcattcaga	aaaaattagt	ggaactggca	540
gagttagaac	tgaagcatgc	aaagggtaat	ctacagttgc	tgcagaactg	cctggcagtg	600
ttaaatggag	acacattaag	ccacacttcc	gnctttctgg	ttaaaaangg	ctggcctttc	660
cttcaaattt	tattttttggn	tttcttaaat	ggatgggttaa	gccttttatg	cctcactggg	720
aaaccaaac	aaaaagccac	ttggaaaaag	gtgcctntaa	cttcctcttt	tttctggaag	780
a						781

<210> 5100
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 5100
 ttacnatnan tgtgcttgan ggcttggncc naaananatt ggctntggcg aattcggcac 60
 gaggtgagaa ggtaggtcc ggctcagact gaataagaag agataaaatt tgccttaaaa 120
 cttacctggc agtggctttg ctgcacggtc tgaaccacc tgttcccacc ctcttgaccg 180
 aaatttcctt gtgacacaga gaagggcaaa ggtctgagcc cagagttgac ggagggagta 240
 tttcaggggt cacttcaggg gctcccaaag cgacaagatc gttagggaga gagggccagg 300
 gtggggactg ggaattttaag gagagctggg aacggatccc ttaggttcag gaagcttctg 360
 tgcaagctgc gaggatggct tgggccgaag ggttgctctg cccgccgcgc tagctgtgag 420
 ctgagcaaa gacctgggctc acagcaccctc aaaagcctgt ggcttcagtc ctgcgtctgc 480
 accacacatt caaaaggatc gttttgtttt gtttttaaag aaaggtgaga ttggcttggg 540
 tcttcatgag cacatttgat atagctcttt ttctgttttt ccttgctcat ttcgttttgg 600
 ggaagaaatc tgtactgtat tgggattgta nagaacatct ctgcactcaa gacagtttac 660
 anaaatnaat gttttttttg ctttttcaaa acaaaaaann tcntaaaaaa cctcgagccc 720
 ttttanaacn tattantgag tccgtattta cttanaatc cagaccctga ttangatcca 780
 tttgntnaag nnttgct 797

<210> 5101
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 5101
 gnnnttnaan ngctggctct tgttcttttt gcaggatccc atcgattcgc gaaggggaag 60
 aacagatcct ctgaaatttc aaatngaaaag aaaagatatg ttagaaagga gaaaagtact 120
 ccacattcca gagttctatg ttggaagtat tcttcgtgtt actacagctg acccatatgc 180
 cagtggaaaa atcagccagt ttctggggat ttgcattcag agatcaggaa gaggacttgg 240
 agctactttc atccttagga atgttatcga aggacaaggt gtcgagattt gctttgaact 300
 ttataatcct cgggtccagg agattcaggt ggtcaaatta gagaaacggc tggatgatag 360
 cttgctatac ttacgagatg cccttcctga atatagcact tttgatgtga atatgaagcc 420
 agtagtacia gagcctaacc aaaaagttcc tgtaaatgag ctgaaagtaa aaatgaagcc 480
 taagccctgg tctaaacgct gggaacgtcc aaattttaat attaaaggaa tcagatttga 540
 tctttgntta actgaacagc aaatgaaaga agctcagaag tggaaatcagc catggcttga 600
 atttgatatg atgagggaa atgatcttca aaaattgaag ctgcaatatg gaaggaaatt 660
 gaaaccgtca aaaangtctt gattcttgag aatgaatttg ggtagttgca gaagatccat 720
 tggctcttaa gangatatat tttgagancc at 752

<210> 5102
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 5102

```

agagnnnnnnn ttttatctct aatgctggct acttggtctt tttgcangat cccatcgatt      60
cgaattcggc acgagggttg ctgcggcgct cacttccttg gccgcccttg ctacactggc      120
tgattgttgt gcagccggcg ccatgtctgt gagcgagatc ttcgtggagc tgcagggctt      180
tttggctgcc gagcaggaca tccgagagga aatcagaaaa gttgtacaga gtttagaaca      240
aacagctcga gagattttta ctctactgca aggggtccat cagggtgctg ggtttcagga      300
cattccaaag aggtgtttga aagctcgaga acattttggt acagtaaaaa cacatctaac      360
atctttgaag accaaatttc ctgctgaaca gtattacaga tttcatgagc actggaggtt      420
tgtgttgagc cgcttggtct tcttggcagc atttggtgtg tatttggaac cagaaacact      480
agtgactcga gaagcagtta cagaaattct tggcattgac cagatcggga gaaaggattt      540
catctggatg tagaagatta tctctcagga gttctaattc ttgccagtga actgtcgagg      600
ctgtctgtca acagcgtgac tgctggagac tactcccgac ccttcacatc tncacctca      660
tcaatgagct ggattccngg ttctgccttc tcaactgnaa aatgactccc tgaggaaccg      720
ctacgaacga ttgaaattga cn                                     742

```

<210> 5103

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1245)

<223> n = A,T,C or G

<400> 5103

```

gcntnccctt gcatacctaa nagctggtn gttctttttgc aggatcccat cgattcgtc      60
tgtgattcag agcccttagt tgagagcccc tgccgcccc gccaccccc tgccccgtc      120
ccaccattgc ccctcctcag ctgtgcaagg agaaagcatg cttaggaagt tttcaggtcc      180
ttgtgataaa acctccttaa atctgttcag accaagcaat gcgagcttcc tctcctgtc      240
catgttggaa gttgctctga aggggtggta gatgetggaa gccagacaca acctgcgta      300
cgctgctcag ttggtggaga ctggggctgg gactggagtc agcccagctg ggaggagggg      360
ctggggagga tctgnannng cangcccnan nnatcntntg cntntccctc nctcncctc      420
tnntttatcc antccttnnc cctctnnccat tnnnatnnnt nnactccctt nnactcnttc      480
nnccantctn tatctccnca tnntccttct ctcctannta nnntcacnct cnactctctc      540
tntacttncn atcacnntca ccttctcttc tetannctc atcncaactn tntnnnccna      600
tccnctcncc ccttnaccnn ntnacttana cctcccnatc tctnnatntt canctntnta      660
tctacactct ctntccntct catctacann tnnatatcnc nnccatnana cactcctntc      720
tctcacnctc ncncaanttc actcttaactn ntaactnnnn nctnanacta cncacacttn      780
totattnctc tntctnactc tntctatnct ctctcctnct cttatcntcc tctcncnca      840
ttntacttcc tcatctccac tntcncanct nectctctt cntctntanc ctctcncnt      900
ancattcttc tttcattnnn acnccntcat cnnttancnn ctatctnttc tntntccnc      960
tctnnccncc cncactctcn ccatcncenn ncnctntcna canntctct cctcccntac      1020
ctccacnnnc tctccnccct ctcataact cttctcanat atctctnnn atnctcacc      1080
tencacnana cntcaatnct ncttacetta nncntnnan ccatnctnac cctctctact      1140
cttnnacnta ttctcncatt ctnccttcac ttatctntat tntctctntn tcnccntant      1200
ctcncncttt ctcactctcc tnnctcacat cactctacnt nctct                                     1245

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<210> 5104

<211> 1701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1701)

<223> n = A,T,C or G

<400> 5104

cnggnnacct	tctaattggt	cttcntggcg	gncttnaaaa	attgngcttg	tngggccncc	60
tttaaacnnc	ntgaaattat	ggcggncttt	gggggggatg	anattatggn	gtncntttgg	120
ggggctnann	ttnatgggtct	cccntnnnnn	actcnatgnt	ctntcctaan	atntcnnttg	180
ntntcctttt	cgengcntta	tctnntgtca	ntntcntnnt	cncctctttn	ctcatccant	240
ntnttaccat	tectctgncg	angcnctcan	nnannncnng	cnnccnnaca	tatacctntc	300
tttcnnccctc	atnnacntat	acnnntctcn	ctcnccatan	acctctttnn	anctactcnt	360
nttatccnct	ctcctactct	ctccgtcnch	ngttcnann	tatcatatac	ccnccgtcta	420
tcgtccctct	tcanncttct	gcnaccctct	ctnacctntc	tccctnccnt	ngcctanttc	480
atcatnctat	cccntctnnc	atcccactna	canttctacc	actcccanca	cccccttct	540
antctccntc	ctntcnaatc	tnnnnnnttt	atatctnant	cnctctccn	cctatcntct	600
ttctctntc	ncntnccac	cnccccnctn	atntcnctt	cnnccctnnt	cngtntccna	660
cccccttnat	ccctacacac	ctctnnccnn	acntctcggn	tttctctnt	cntctntaac	720
atccactnca	ncatctttt	atctannctc	tanctcance	ncctnnccat	actatccata	780
ncanantnn	ttcaanntct	ccnaccnctc	ctcnccactc	tnttatctct	ctnngnntc	840
tnncntctc	tntcactcta	nattcttata	ctntttcnta	ctacctntcc	ncctatnnc	900
tnnnctactc	acnnntnctn	atctctctct	ctctntanac	tcnctcactc	cttatanatc	960
ttcnatncta	tcacactann	ctnccnctnt	cntactnata	tcttntnttt	ntctctcaca	1020
ctntacatca	ctnccnctc	atcnntctcc	tcantacnnc	cnnccnctct	ctacatatat	1080
atccntctc	tctctctntn	cntctctntc	tcctctntct	ntcatnanac	ancactnact	1140
ctncatctnt	ctctctatnn	ntntccntca	ctcacattct	ntncacnnc	anttnccnct	1200
cncgctatct	ctanntctcn	acntctctct	actnctntnt	ctcncatccc	actctatnat	1260
acntcncc	tatttncnt	actctctcta	catacnctc	tctncttctc	cactctctct	1320
ctctctctcn	aanttnccn	tctnctnttn	ntcatntctc	cncctcaacct	ntatcnctcn	1380
anactncta	nnctagtctc	tctntannca	ttctcntatc	cnnntcnat	ntcacacanc	1440
nnataactnt	ctncatcact	cctcactctc	tntatnctct	ctctctntta	tactctctct	1500
acntntcnnt	ntcatccana	cacattnttc	atnctatatn	ntccnccncc	tctctctct	1560
ctntcctac	atctacncc	ctatccntc	cactctctcn	tctcatnctc	ncnctctnt	1620
ctacnnatcn	ctctctntta	ncnatnctnn	ctctnccat	atctcactct	cactcatctn	1680
tctnctcnc	ncntctccc	t				1701

<210> 5105

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 5105

agagnnnnnn	nntntttctt	tgtttantgg	cttgggctcc	tngttctttn	tccaggnagc	60
ccatgcgatt	cgaattcggn	acgaggtgtn	aaagngaact	tttaagggag	gttctgtctg	120
tnccagaaac	ccttcaagaa	aaagcgaagg	nntttctcag	agctgaagat	caagcgcttg	180
agaaanaagt	ttgccccaaa	gatgcttcta	naggctagga	ggaagcttat	ctatgaaaaa	240
gcanancnct	atcacaaggc	atatnggcng	atntacagaa	ctgnaattcg	aatggcgagg	300
atggcaanaa	aagctggcag	ctcntatgna	cctgcanaac	cnaanttggc	gtttgtcatc	360
agaatcagag	gtatcaatgc	gagtgcgccc	aaagggtcga	anggtgttgc	agcttctctg	420
ccttngtnaa	atcttcaatg	gaacctttgn	nnngctcaac	atggcttnta	ttaacatgct	480
gangattgta	gagccatata	ttgcatnggg	gtaccccaat	ctgaantcag	tnctntgaact	540
aatctcaaac	gtgggnnatgg	caaattcaat	annaagccga	attgctttnn	cagataacgc	600
tttgatngct	cnatctcttg	gtcaatacgg	catcatntgc	atgggangatn	tgggtcatga	660
aaactatact	ggtgnnaaac	gcttcaaaga	ngccaattac	ttcctgtggg	ccctcaaatt	720
gnntnttcca	cnantgggaa	tgaagaaaaa	gacccc			756

<210> 5106
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 5106
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 catggaanga tagctncact ncttnccgac cttggtcaca ggccgncatg agganggact 180
 gttccantgc tncngnggcc nctgnctgn tntcatcac tggnccttagc tttggagtac 240
 ncaactccaa gtggcccgag tctagactct atcaaatncc aactgatag caacaatgan 300
 tgcactctgat gtgtgtgct ggcnatctta agcccaaat gcttcaaaga tnaaacagnc 360
 atatacattn aagatacata tanaaatngt nnaattngaa tgtatacaan ntagattacc 420
 ctaacgaact tcaactacaag aaatnecatct tatatccnng cacnnaaatg tgganntnta 480
 catgaaagga tataccgttt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540
 ntggactact aaacctggat tactgatnaa atttcaaaan gancttgatt ttgctagcag 600
 aaatcnttac ccngttctcn agcttctata ancagttctt gaagggatta nacagctggt 660
 cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720
 tagaactata tgagtcggn t acgtann 748

<210> 5107
 <211> 674
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 5107
 gttttctcct gttacatcat gctgaatcct ttccttagc cattagcttt tattatgtgg 60
 tcttcatagg aaagccaccc tgggtgccaag cctagcttgt ggggaggggt atgtgttcca 120
 gaaactgtctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180
 caactgcttg gagctccaca cttccctttc gcgactcagg ctctggtgct gttgccaat 240
 ccttgcttgg caaagactgt tccatcatgt ggggtcctta tttacaagg aaagctgggc 300
 cagaaggcta gcaattcagg tgttaccgct attgctgtac cttgtgttag gacattgtgt 360
 ttgtgcatgg actgtgcctc caaactcagt agttccgtat ctaaataata agtantgtta 420
 gaaacctgaa agtacagaat ctcaacctta cnagtcttcc ccttagtcct gtggccttcc 480
 taagccagct gttaaccgtg ttgattcctt ccacttcccc caaagtaagg caggcaacag 540
 atatgttgat tgtcttagaa agtaatctgg ttctctgaa ctccattgaa ttccagtttg 600
 acgcatactg cctggaacca gactgtttgc ttacagcttt ttaaagaaaa atctgncttg 660
 gtccctgnccc cant 674

<210> 5108
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (589)

<223> n = A,T,C or G

<400> 5108

attgaggaag	atctaggtaa	aacctttaag	ttaaccttct	aagtctcaga	cacgtaaacc	60
caagtgtggc	aaaggaactc	attgctctcg	aaatgcatat	atgttggttt	atagactgca	120
aactcaagaa	aagcccaaca	ctactgttca	agttccagcc	tttcttcaag	agctggtaka	180
tcgggataat	tccaaatttg	aggagtgggtg	tattgaaatg	gctgagatgc	gtacaaagat	240
gtggataaag	gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaaag	gttacctgct	300
ggagctggtc	tgtaagatat	tctgggacag	cactgttgcc	attaagtgcc	ttgttttttt	360
atgttcacaa	atgtatatga	agaaactttc	tcaaacttac	tctttctaata	aaccactaa	420
agccagctta	aacactctaa	aagtactttg	taaaccaaca	ataacttgat	gtgtagcatt	480
ccatattatt	tccattacgt	tgtactccta	aaatggggag	ctgttaatna	attataacct	540
ttagggctcag	cactctgcat	ccctggagta	ttgttggtnt	ttatatattt		589

<210> 5109

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (660)

<223> n = A,T,C or G

<400> 5109

aaggggaagga	ggctgctggg	tagcaaataa	gccccttctt	ttcttggtga	gttgatgacc	60
tccaatagct	cccagtgkca	ygrgkaccca	gtacgcatta	gctgggtgttg	ggttgattga	120
gacctggggc	agttcctggg	gcaagaascc	agatgggaga	tgagatagaa	agtgttagga	180
gttatcctct	ttgcctggcc	tttgagaata	acttactgtg	tgactttggg	caagttcctt	240
ccccactctg	ggcctcagtt	tctcacttgg	gaaagcaagg	agtttgacca	gatgatcaca	300
atgggccttc	ctagctctgg	ccaccaagaa	tttgtgaaca	ttagagctcc	tggctctggtg	360
ggtagagcca	gagctgctga	ctgggtctct	tgccctccaga	ggggatttat	tggacctcag	420
aggtggcagg	gccctatgga	gcaccaactg	ccctcaacc	cacctgtgc	ccaagactgg	480
gaagggattg	atgtcaggct	gtggccatag	gtagcatgag	ttgcccaagg	agggacagag	540
catatctttg	ctgaggcttg	gctgaggggc	ttatgatagg	gcttgacagta	cctcacagcc	600
ccctgtgggc	acagncacc	tgagggtttac	ccaggcaaat	atattgatta	gcaggaaaaa	660

<210> 5110

<211> 615

<212> DNA

<213> Homo sapiens

<400> 5110

ccatagcctg	ttgagtgttc	ccagatgtga	ctcaccttct	tgetgcectc	ttcatgcagg	60
cctactgact	cataakkcac	gwkgteccaa	aagccacccc	acaagcctga	gccaacctgc	120
tgccctgacgc	cacagtcatt	ggcagaggtc	tgggcattat	taatytataa	aaatccatgc	180
tttacacctg	gacagtasac	agggacttca	gagattgcac	gttkgaatac	attctcccaa	240
gactgagggt	gttcgggttt	aattcctgta	gtccaatcac	acaatttctt	atggaaaacc	300
ttttgtgttt	ctgggtattta	ataacttgaa	gggatagcaa	aatatactgt	gtattcagag	360
ggcctctctg	cagctgctag	ctcagacacc	aaaggggtaa	ggcccaggac	attcatatct	420
ttaaaagctg	caaacctggg	aacctttaaa	cttttaaaac	aaatgtcata	tggggttaaca	480
ctgacctttt	ataatttgat	gtctcaaatg	tagagattat	ctaaaaatcg	taacttgaat	540
accttgtaat	ttttctctta	aaaaagaaga	cttgtgtgaag	tctctgcata	aacgccaata	600
aacatgttgc	ttaat					615

<210> 5111
 <211> 937
 <212> DNA
 <213> Homo sapiens

<400> 5111
 gtgggtggctc acgcctgtaa tcccaaagtg catggattac aggtgtgagt gagccaccgc 60
 ggccggcctc tatcattttc tgactcagca gctccacca aattgacatc ctacaaaca 120
 ctgtgaagga attaacctaa gtsyttccag agcatctcat gtaacctcta tggagtaagt 180
 cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt 240
 ctacatggag gaagatgatt cagtgggtgg gaaaatgaac ctcggtaaca tttccaatgt 300
 ccttcaagag ggaaacaagt tcagtgttat catcgtggca ttcgttagtt tttttttttt 360
 aaatcacktg tttagataca actttatttt tttataccta catagcacat gactgggggg 420
 ataaagcatg tataagttgg gagagggtaa agaattgtgtg actatgtata cagaaaatag 480
 actaaaatgt gcagcaaaat gatataact gtaatctggt ttttgaagta tctactattc 540
 tggaatattg ttaaacaact ttttgctttt gaaaaaaaaa aggtgccttg attcagttgc 600
 gtgacttaga acattcatcc tattttattg tgatttttaa tgtcttctga ccccaaactg 660
 tgtttttggt tgcagtctgg cggctgcagg catagcgtcg gttttgttcc aataacagag 720
 accaaagagt taatcagata tggttcagct gctacaattg tatgattcaa aggcaattta 780
 atcaccccaa atttccatgg cccccacagt caagacctgc cattcgtttt ctcttcgagg 840
 ttggagtaaa tttgcacttt gaatcatgtg ggatcatttg ggaccttgtt cttttctatt 900
 ttgctttatt aataaaggaa cttgtagaaa aaaaaaa 937

<210> 5112
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (653)
 <223> n = A,T,C or G

<400> 5112
 gagacctcta acctcccga gttgagcaaa tacactctga gagacattag ggactgtggc 60
 aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
 ccaggaactg tcctggcaga taagacagac tgtgmaaggc catcgatcaty ggcattgggaa 180
 gggcattaat taccaaagtg gagacasagt cactgtctcc aagagcattt ggaatcactt 240
 cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcgggact gctgccccat 300
 atactgtgat gaattgcttc acatatctga gttctgatgg gaaggagtcc aagtgcggta 360
 gctgtagaga acgctgggga agcccagttc tatgtagctc acgtatgaaa ggaatattca 420
 tgaagagnaa aacagaggca ttatttgaga ttaactgcct gagaaacctt gtctaattccc 480
 aagtgtctag aaaatgttga ctacttgcca tgtgcccagt aaggtgcttg gagctttata 540
 tgnatcctct catttaacct tgtgacatag ttatgctggt anaccttgct gcgttcgtgt 600
 acnttgaatg aagttgaagc ttaanggaag gttaaaaacn caaccnaac tga 653

<210> 5113
 <211> 559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (559)
 <223> n = A,T,C or G

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<400> 5113
ggaagaggat gactgggtat gctgtgccac ccttgagggc catgaatcca ctgtgtggag      60
cttgggcttt gacccgagtg gccagcgccct ggcgctctgt agtgatgacc gtactgtgcg      120
tatckrgcgt cagtawctac caggcaatga acaaggggtg gcatgcagcg gctctgaccc      180
cagttggaat tgtatctgta ctttgtccgg cttccactca aggaccattt atgacattgc      240
ttggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgca tccgctgtkt      300
tcaggaggat cccaactcgg atccacagca gccacacctc tccctganag cccacttgca      360
tcaggcccat tcccaggatg tcaactgtgt ggccctggaac cccaaggagc cagggctact      420
ggcctcctgc agtgatgatg gggaggtggc cttctggaag tatcagcggc ctgaaggctt      480
cttgaagctn acctcgactt ttggacagag taatggactc cccagaaaac gttcatataa      540
gaattttacc agncccttg

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<210> 5114

<211> 554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(554)

<223> n = A,T,C or G

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<400> 5114
gaagagcttc tgcaggggct gagcagaccc cagggcctct tagccaatcc ccgggcctgg      60
tgaagcaggc gaagcagatg gtcggaggcc agcaactacc tgcacttgcc gccaaagagt      120
ggcaatcttt taggtctctc gggaaggccc cagcctccct cccactgaa gaaaagaagt      180
tggttaaccac agagcaaatg ccttggggcc tgggaaaagc ctcacacagg gcagggctct      240
ggccmwtagt ggctggacag acactggcac agtcttgtgt gtctgtggg agcacacaga      300
cattggcaca gacttgtctg tctcttgga gagggcaaga ccccaaacca gagcaaaata      360
cacttccagc tcttaaccag gctccttcca gtcacaagtg tgcagaatca gaacagaagt      420
agtaccaatt caatgttcac atgaacaaac aagctgcccc caggggtacc attttgggga      480
gggggaatct ttttttttct tttccctttt aaaaaaaaac acntttgncc cgaacatttt      540
cccattttnt tttt

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<210> 5115

<211> 477

<212> DNA

<213> Homo sapiens

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<400> 5115
gctagactca agctgtcttg agagtgtgaa acaaaagtgt gtgaagagtt gtaactgtgt      60
gactgagctt gatggccaag ttgaaaatct tcatttggat ctgtgctgcc ttgctggtaa      120
ccaggaagac cttagtaagg actctctagg tcctaccaa tcaagcaaaa ttgaaggagc      180
tggtaccagt atctcagagc ctcggtctcc tatcagtcgg tatgcttcag aaagctgtgg      240
aacgctacct ctctctttga gaccttgttg agaagggtct gaaatggtag gcaaagagaa      300
tagttcccca gagaataaaa actggttggt gccatggcag ccaaacggaa ggctgagaat      360
ccatctccac gaagtcgctc atcccagaca cccaattcca ggagacagag cggaaagaca      420
ttgccaagcc cgctgcagtc tgcaaaggct ttcacaaatc agaatcaact ggtaatt      477

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<210> 5116

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 5116

aatgtatttt	ttcagtaagc	acccagaggc	ctccattcag	gctgtttttt	cagatgcccc	60
aatgcatatt	tgggcattag	aaggtctgtc	gcacttagta	gcagcatcat	ttacagagga	120
tagatttgga	gttgtccaga	cgacactacc	agctatcctt	aatactttgt	tgacactgca	180
agaggcagtc	gacaagtact	ttaagcttcc	tcatgcttcc	agtaaaccac	cccggaattc	240
aggaagcctt	gtggacactt	catataaaac	attaagattt	gcattcagag	catcactgaa	300
aactgccatc	tatcgaataa	ctactacatt	tgggtgaacat	ctgaatgctg	tgcaagcatc	360
tgcaaacat	cagaaaagac	ttcaacagtt	cttgaggattc	aaagaatagt	taagtaatat	420
aaactgtgtt	cattacactg	ctgatacaac	tacagatggg	acagtaaagt	ttcagcattc	480
ttggatcaga	agaaaacgga	ctaattagat	gcttcctttg	tcgtgggtgg	tgctttgaaa	540
actatacttt	aatgggagaa	atcatggaaa	gaaattctca	acagaataac	tgaaaactgc	600
cttttctgta	ccgattgctt	tttgtgtgtg	tgggtataata	aaatctttat	tcaattttac	660
agaagcattg	atggcagtc	gaaatgtctc	tagctcatat	aacttaatat	taataactaa	720
aaaactttta	gaatttactt	ttgaaaggag	ggaagccagt	tctgaaatga	gtatagggtg	780
atttcatagt	cncctaatt	aagagtttag	ctcnttggtg	aactccaaat	acataaactt	840
tttaagtggg	gttccattta	ctggaaggat	taaaaatggg	acagtgccag	ccatattcnc	900
caaaaatatt	gtctaccggc	ntattttggg	aanccgttag	gttgggggtt	tggttcc	957

<210> 5117

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 5117

cttttttaag	caaagcagtt	tctagttaat	gtagcatctt	ggactttggg	gcgtcattct	60
taagcttggt	gtgcccggta	accatgggtc	tcttgctctg	attaaccctt	ccttcaatgg	120
gcttcttcac	ccagacacca	aggtatgaga	tggccctgcc	aagtgttcgg	cctctcctgt	180
taaacaaaaa	cattctaaaa	gccattgttc	ttgcttcatg	gacaagaggc	agccrgagag	240
agtgccaggg	tgccctggtc	tgagctggca	tccccatgtc	ttctgtgtcc	gagggcagca	300
tggtttctcg	tgcaagtgtc	agacacagcc	tgccctagtc	ctaccagctc	acagcagcac	360
ctgctctcct	tggcagctnt	ggccatgaca	accccagaga	agcagcttca	gggaccgagt	420
cagattctgt	tttgtctaca	tgccctctgcc	gggtgccggg	attgaggcac	ccagggagct	480
gttactggcg	tggaaatagg	tgatgctgct	acctctgctg	ctgcactcac	agcc	534

<210> 5118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5118

caytygkcag	gggmsagggg	acagcaaggt	gggaggttga	agagctttga	ggctcagcag	60
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tgarggacay	gcatggggca	catggtaagc	ttggcaaggg	ctccaggaac	gctgacgaag	180
ggtttttagga	ccccacccc	catgcctgta	ccagggtctg	cctccagagc	gggtgaggac	240
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<210> 5119

<211> 598

<212> DNA
 <213> Homo sapiens

<400> 5119
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 ctgcaagcac aatggtagca agaacgtctt cagcaccttc cgaacccttg cagtgcgtgt 120
 cacgggcatt gtagctttgt acatagcctc aggcctcact ggcttcata gtcctgaggt 180
 tgtagcccag ttgttcaact gtatggttgg actactgtta atagcactcc tcacctgggg 240
 ctacatcagg tattctggtc aatatcgtga gctgggcgga gctattgatt ttggtgccgc 300
 atatgtgttg gagcaggctt cttctcatat cggtaattcc actcaggcca ctgtgagggg 360
 tgcagttggt ggaagaccat ccatggataa aaaagctcaa tagcatctta acgtgaagat 420
 caaacaagaa cacaacaagc ccctactgat ttctgggttt ctgccacggc cacagggttca 480
 tatccagagg aatggcagat ctgagacgat ccaggaagag ctaaaacatg gccctgtaat 540
 aaatgagcag acctctcctg tggtttcaaa ttattaaaca cacttccatt tctcttgg 598

<210> 5120
 <211> 1416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1416)
 <223> n = A,T,C or G

<400> 5120
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 caccattggg aacaacactt gctgtgcagg ctgttccaa agcacactct attgtacaag 180
 ccacaaggac ttctttaccc acagwggggc catcaggact ctatagtcca tcaactaatc 240
 gaggtcctat acagatgaaa attccaattt ctgcatttag tacttcgtct gctgcagaac 300
 agarcagmwa taccacccca agaattgaaa accagacaaa caaaacaata gatgcttctg 360
 tcagtaagaa agcagctgat agcacatcac agtgtggaaa agccactggc agtgattcaa 420
 gtgggtgtcat tgatctcaca atggatgatg aagagagtgg agcttcacaa gaccccaaaa 480
 aactaaatca cactcctgta tcaacctatga gttcttctca gcctgtgtca cgaccattgc 540
 aaccataaca accagcaccc cctcttcaac catctggggg gccacaagt ggaccatctc 600
 agaccaccat acacttacta cctacagctc caactaccgt gaatgtaaca catcgtccag 660
 taactcaggg gaccacaaga ctccctgtac caagagctcc tgcaaaccac cagggtgggtt 720
 atacaactct tcctgcacca ccangctcag gctcccttgc gaggaactgt tatgcaggct 780
 cctgctgttc ggcagggtcaa tccccaaaat agtnttacag ttogagtgcc tcaaacaacc 840
 acatatgttg taaacaatgg actaacctgt ggatcaacag gacctcagct cacagtgcac 900
 caccgaccac cacaagtgca tactgagccc ccacgccccg tgcaaccagc acccttacca 960
 gaagctccac aaccacagcg tctgccccca gaagctgsca gcacatctyt gcctcagaag 1020
 ccaccccact tgaagttagc acgcgttcag agtcaaaatg gcatagtact gtcattggag 1080
 gtccctggagg tggatcgaag ctgtgccact gttgatagct accatctcta tgcttaccat 1140
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 cccttgccca tggcatngtt actctcacc agtttgtatc tggtagcaaa tactactttg 1260
 cagtacgagc caaggatatt tatggacgtt ttggtgcttt ctgtgatcct cagtcaacag 1320
 atgtgatctc ttctaccag agcagttaaa cttgggagct ttaaaatttc ccctttaaaa 1380
 ttccactttt gggcctgggt ttaatctgtg catgaa 1416

<210> 5121
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5121
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 gtgcccgtctg cttccggtgg gtgcagggtg aatgttctgt gcgagagctc aagggctgcc 120
 tggatccctg acttgatatcc ctttgttcca cagagagggc catgatgcct ttgagcttaa 180
 agagcaccag acatctgcct actctcctcc acgtgcaggc caagagcact gaagacaccc 240
 tggctcctccc ggaagggcag tcccacaggc agcggcacc ctttctgggc cccgccacag 300

<210> 5122
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5122
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 aggtgcacca ggaagaagtgt gtctggggct ggcactaagc catggcccag ggaagactgg 120
 gggaccact aggccaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180
 cagcccagg cggagaacac cgaacaccca gtgaaggtga ggggatcagc acggcgcggc 240
 caccacgca cccacgcgct ggaatgagac tcagccacaa ggaggtgcga agctctgacc 300

<210> 5123
 <211> 634
 <212> DNA
 <213> Homo sapiens

<400> 5123
 caagagagag tgatagaatt ggcagtgaat tatacgaacc accctcctgc cctctgggtt 60
 cacaatacgt gtacacttga ctgtgaagtgt gctgtgagag tgggtggaga gttcttcttt 120
 gacctcagc ctgcggtatgc ctctagaaac ctctgttga ttgcaggagg agtcggaatt 180
 aacctctgc tttccatcct gcggcacgca gcagcatctc ctgagagagc aggcaaacaa 240
 aagaaatgga tatgagatag gaacaataaa actattctac agtgcaaaaa ataccagcga 300
 actcctgttt aagaaaaata tccttgattt agtaaataaa tttcctgaga agattgcatg 360
 cagtttgcct gttacaaaac agactacaca aatcaatgct gaactcaagc catacatcac 420
 ggaaggaaga ataacggaga aggagataag agatcatatt tcaaaagaga ctttgttcta 480
 tatttgtggc ccacctccaa tgacagactt tttctccaag caactggaaa acaaccatgt 540
 acccaaagaa cacatttgct ttgagaagtgt gtggtaggag gcagacaaaag gcagaaaaaa 600
 taaagaggtg agatctactc aggaaaaaaa aaaa 634

<210> 5124
 <211> 672
 <212> DNA
 <213> Homo sapiens

<400> 5124
 ggccaaagag gtgctacatg cattgaaaga aaaggttact tcaactacct acaaccataa 60
 aaatgccctt gctgctaaca tagatgaaat tgtattttaca tcaacaggag acatctccat 120
 ttactatgat gagaaaggaa ggaagtttgt taacatcctg atgtgctttt ggtatctaac 180
 cagtgccamc atccccagt aaactttaag aggagccrgt gtattccagg ttaagttggg 240
 gaatcagaat gtggaaacta aacaacttct tagtgcaagc tatgagtttc agagggagtt 300
 cacacaagga gtaaagcctg actggaccat tgcacggatt gaacactcaa aattattaga 360
 ataattttct tggaaaaatc agcttatgga ctttagcagt tgctgtgaaa aactaaggaa 420
 gaaaaatttt ggggtcattt gatcttcact taatctaagt ctgtgaatta cttttatatt 480
 attttgaaat actccttgca gtatattggc atgatacagt aaaagcattt tccacagatt 540
 gttatcacct tctttaaaag aagtcaaaat ttaaaaaata caatagcacg ttgttgggtg 600
 catattcaat aacatttcca atgctacata taattttata gacataataa agaaggtatt 660
 gaaaaaacta aa 672

<210> 5125
 <211> 738
 <212> DNA
 <213> Homo sapiens

<400> 5125
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 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcgagtga 120
 gctggaagaa tctctacatt gtgctgcctt tctcttatgt cccagacatt cttaaactct 180
 ttaacgaatt cattcagctg ggctctgatg ttgaacttat atgccggtgc ctcttcttcc 240
 tccttaggat tcaactttgga cagatcacta gcaatcaaat gcttgtgcca gtgatagaaa 300
 aattaagggga aacaaytatt tcaaaagtca gccaaagtcc ggatgttatc ggcttcaata 360
 tggctggtct tgattatctc aagaggggaat gcgaggcaaa aagtgaagtt atgttttttg 420
 ctgatgctac tagccacttg gaagagaaga agaggaagag gaaaaagagg gagaagttga 480
 ttctaacgtt gacttagaac tgaaatgtgg tatctttttt tttttcaaca tttttccttt 540
 aaaggactcc taaactaagc acagaagagt tggcgctatc ttaaaaatac caagtaacag 600
 aagatcgcat tgcagatgat atcaggatgt ggtttccagc tttgcctgag ggaattccaa 660
 catgagatta tgggctggct ccatttcttg gacttaaaat gcattattag tttaaaaatc 720
 tttctgtgct ctcaaagc 738

<210> 5126
 <211> 1203
 <212> DNA
 <213> Homo sapiens

<400> 5126
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 tctcggcagg ggcgcaccgg gcaacttccc cccttgtgtc cctctaccct gctttggagt 120
 gccgggccct cattcagcag atgtccccct ctgccttttg tctgaatgac tgggatgatg 180
 atgagatcct agcttcgggt ctggcagtggt cccaacagga atacctagac agtatgaaga 240
 aaaacaaagt gcacagagac ccgccccag acaagagttg atggagaccc agggattgga 300
 caccatctcc caaccccagg gactcgggca aggggtgccga agatagacaa gaggcacaca 360
 gagacagacc aactggcagc caggcagccc cagaggagag agacattcag acagaggaaa 420
 gtctccctgc ccctcattcc ttccaagatg agaaaaactt gccgccaccc cccgacactg 480
 atgccaggga ggtgggagga agaagtggga aatttccctt ccagtagacc ccaagaacgt 540
 ctgagccttc aatgttgaat tttttcttta ttaaaattac ttttatctta taaaatcaac 600
 taatcaaaaa tgatatagac gacagcactg gctctgtgaa ggtggcatct ttctgggcag 660
 gcaggccatg gggcatggag gaggggtgcaa agatatgggt tgctgtcttc tggcctccag 720
 ctgcatggag gccggcccag ggtctaggggt gtgcactggg caagggcagg gcggcagggtg 780
 tcaggccggc ttggacaatg aaacctgac ctgtctgcat tccttttgct tccaccacca 840
 ctagcttctt tggaaatctg ggggtgggggt catctttggg gattatggct gccaccggg 900
 atttgagtgt agggagtgtg ggagcagcct tggcagatkg gcacccgtgc cctgcagggtg 960
 ttgacaagat ccgcatctg taatgtcctt ggcacaataa aaccaaagt cagtttccct 1020
 gagccccgac tctgttctgt gtggggcagg ggttgggcgg gcctctgggc agaggatgca 1080
 atggcacgga ccttggttg acctcagagg tgtgaatgct ctccagcagg gtctgtctgg 1140
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 tgg 1203

<210> 5127
 <211> 669
 <212> DNA
 <213> Homo sapiens

<400> 5127
 aattactgga acccgaggagg cggagggtgc acagtgagcc aagattgcac cactgcactc 60
 caggctgggc aacagagtgt gactccgtct caaaaaaaca aaaacaaaaa saacttcksc 120

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ctmckmsrca gactcctccc ctgggtcacca ctagtgatec accttatgga tctcccaagg 180
ccacctctgc ctctgctctg tgttggtatta tttggggggac ctgtgggtctg gcatgcattg 240
tacttggtks cccaaagggc tgtggcatct gataagtgat ttatcctcag gcacagattt 300
gcactatgtc acccacttac ttgtatgtag aagtgaagtca cgggctggca aatgggcata 360
gctgctgggc agtggatgca gctccatgca tgttattctc atttgataca ggatctcatt 420
ggcttctcac agcaatcctg tgcactatag gtattgctcc cgggaacaga tgaggaaaca 480
ggagagtgcg agattacagt aattttgtaa atgggaggat ttgtgaagggt ttcagacata 540
caccctctct catatgtcaa ggatatgaag tctaataaat cccctaaagc agcagggggt 600
ggcaagcttg tgccctgggg ccaaatcagc ctactgcctg tttttgtaaa taaagtttta 660
ttggaacac 669

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<210> 5128

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 5128

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aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120
atcgcccctg ccaacattga agctgtggcc gccaagaaca agcactgcct gctggaggct 180
gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac 240
cgggtgtgtg agaagaacat caagagggtc agaaagctgc tgccccggcc tgagacggag 300
gaggagtccc tgcgcgtgtg ccggctgaag gagaaaggagc tggaggccct gccgtgcctg 360
tacgcsacgg tggaacctga catgtggggc agcgtagagg agctgctccg cgtnntataa 420
ggacaagatc ggtgagnagc agcgcaagac catctnngta gacgaggacc agcttt 476

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<210> 5129

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 5129

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aatcccacaa agcctagcac caaacttctt tttttcttcc tttaattaga tcataaataa 60
atgatcctgg ggaaaaagca tctgtcaaat aggaaacatc acaaaaactga gcactcttct 120
rtrcamwarc ymkagactrk tswcwmwcag atgggttgctc agggacaagg tgcccttccaa 180
tggaatatgc aagtagttgc tatagcaaga attgggaact gggatataag tcataatatt 240
aattatgctg ttatgtaa atgattggttg taacattcct taagtgaat ttgtgtagaa 300
cttaatatatac aggattatng aaanaatatt ttgtggtata 340

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<210> 5130

<211> 610

<212> DNA

<213> Homo sapiens

<400> 5130

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gttaacttct ctgagagagt tccttgtaag gctacttata aatagtagta tatatatata 60

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tagtttatgg	caggggaagat	ctgggaagta	agcaaaaaga	gccttttagtt	aggcaacata	120
gaacaaaata	gaggtcacag	gttccatgca	ctgaagaatg	gaattgaaat	agagactcca	180
gggtcataga	ctcttggaag	gaagactaga	gtacattcat	gaccctcacc	cttaattact	240
tcacaggtga	gaaaaccaag	agctacagaa	aataagttat	tcctcagywc	cagggcctrs	300
ytcttgagg	aattgggtta	aaattcaaaa	taaccttcta	aaaaattctt	tcagaaacga	360
gtagtgaaag	ccagtggatc	aaattcagtg	atagttaaca	gagaaacagc	agcatagata	420
agtaagccaa	tttaatgtag	ggagcaacca	ctagtgtaca	tgatctcagc	tcactctggta	480
ctaccaagta	aaaatgaacc	tgggccagcc	acagtgtactc	atgcctgtac	tctcagcgct	540
ttgggaggcc	aaggtgggag	gattgtttga	ggccaggaat	ttgagaccat	cctgggtcaac	600
atagcaagac						610

<210> 5131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5131

ctgtgaagta	tatgtaacat	gagcgagcgc	taggggaacg	cttcaaagca	gtaggcagac	60
atcattgtgg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccaggggtggg	tagctgctgc	agcttgcttt	cttctaata	ggattaatga	ttactttgag	300

<210> 5132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5132

gcatectctg	atggcactgt	aaagatctgg	aatatgaaga	ccacagaatg	ttcaaatacc	60
tttaaatacc	tgggcagcac	cgcagggaca	gatattaccg	tcaacagtgt	gattctactt	120
cctaaaaacc	ctgagcactt	tgtgggtgtgc	aacagatcaa	acacggtggg	catcatgaac	180
atgcagggggc	agattgtcag	aagcttcagt	tctggtaaaa	gagaagggtg	ggactttgtt	240
tgctgtgccc	tctctccccg	tgggtgaatgg	atctactgtg	taggggagga	ctttgtgctc	300

<210> 5133

<211> 757

<212> DNA

<213> Homo sapiens

<400> 5133

gctgccacca	cccccgggcc	cagcctgtct	gaaagttcag	ggtttaggcc	gagaaacccg	60
gtggggagg	gtggggagcc	ggagctctgt	ggcggggctg	gagggctggg	gtgcacttta	120
gtttggggcg	ggacgggagc	cgccgttgtg	actggcggtg	tctggctgct	gctcccgaac	180
ggaggggtcg	gggttggtct	gctgggccct	cagagcccag	tgggtggctc	tgactcggct	240
ccctactccc	tgcacccagc	tgggcgcagc	cttggggcct	gcggtctgaa	tgtatccctc	300
ccctcagttt	taacctgagc	tgccgaacgc	acagtgggcc	gggggcgagg	ctgggggaag	360
cggggcccaa	ttacggatcc	cgggagttac	aggtgccgac	gtgatgtcgc	ttctctggtg	420
cccagctccc	ttctgggtct	gagactagct	ctgggggtgg	cgggggcccc	cacacgctyg	480
ctcccgtccc	accctgcccg	tgctgctgct	ctgtgcctgc	tgtcagagcc	ctgggtggggg	540
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gcttatgggt	gtggtccgtc	cagacacctt	gtttcaagg	ggatgggcgt	gagcgggcaa	660
gcagagcatc	cccaccgctg	agcaagaact	ttttcttggt	tttaaaccat	cacgtcctca	720
tttcacattg	gaataaagtg	agtttttgaa	acctgccc			757

<210> 5134

<211> 1316
 <212> DNA
 <213> Homo sapiens

<400> 5134

gtggcaactt	gatgaaacag	ccaaatgcac	cagggcaggt	cactttccca	ttacactgat	60
tccacaatta	aaaaaaaaaa	aagaaaaaaaa	actcattgar	atagctacag	ttctataggt	120
taattttaag	cctccttttt	ctactcattt	ttgaaascaa	aattacattt	tactatttta	180
cataaccagt	gaaaagacgt	tgaaagccta	cagctcactg	tttttggtgc	tctggaaatg	240
ttgagggtgg	gtttttaacc	agtgattttt	aacgtgcagt	gaatttggtt	gactttttaa	300
caccagctaa	ggtagtcaaa	cttgatcccc	attaaaaatc	aaggaattag	gggtcggggg	360
agggtttagg	agtgatccag	aatgacctcc	cagaattact	gtgcgtacaa	ctttattttt	420
cagagttttc	attggaatgg	taagagtttt	atgaaagaca	gtttttaaac	ttattctgag	480
ttaaatatta	atacttttaa	aaattattgt	actagactta	tcgcagcctt	ttgaaagtag	540
cagagtttca	tcataccaca	tatataacag	agcataaatt	ttctataatc	aggcaccttt	600
tgctgctttt	gagtaagact	gttttcctgt	ttaagtgtta	agcatcgcca	gacataaaaa	660
tctattctct	cctctcgatt	gtagcatagc	ctgacagctc	tagatacagc	atttctatga	720
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tagagttcca	agcacctaca	ttaattattt	tatattgtgt	gcagaatagt	atatctttta	900
atgtcagata	tgatacactg	cacatattgc	ttttgcactc	ttaaaatttt	tgtactaaat	960
aatagaaaat	atttatattc	tttgagtgtg	agctttgaat	agatggcatt	atcactttat	1020
tgtttttttt	ttaacaaaaa	ctttttctca	attattctat	tgcaatgtta	ttctgagcaa	1080
gtcctatgcc	aaatatcttg	tataatgttt	gtatggaaga	ttaaatttta	ctcttggtg	1140
gtaagactat	ttcagttact	gattttatag	ttggaatttg	atattccagc	acaaagtcca	1200
cagtgtattc	agaaatccaa	gttggtgtca	tacatttcat	tttgatgtga	acttttcttt	1260
gctttccttt	gttctaagac	tccattttgc	aataaacgtt	ttgacagtaa	aaaaaa	1316

<210> 5135
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 5135

aacgcttcaa	ttgttttgta	gaaattttta	taggaacttc	aagaagtaaa	cctttataac	60
attgtaaatt	cttacgtaca	gcatacacia	agacaaggaa	tmetgtcata	tccttttagc	120
aaaatgakat	tgccataggt	cttggttgcaa	aataccacat	aatgaaatcc	ttcctgttgc	180
atgattaact	gggtgagaat	atcatctttc	cttttggtcc	gtagaaatgt	attattcact	240
actccattct	tgaggtttgt	tttttaattt	ttttggagac	agtctcactc	tgttgccag	300
tctggagtgc	agtgggtcgg	tctcagacgt	ctcactgcaa	cctctgtctc	ccaggctcaa	360
gtgattctcg	tgccctca					377

<210> 5136
 <211> 550
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

<400> 5136

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actcagtagc	taccagatt	gtaatgggtg	gcgttactgg	ctgggtgtgca	ggattttctgt	120
tccagaaagt	tggaaaactt	gcagcaactg	magtaggtgg	tggctttctt	cttcttcaga	180

ttgctagtca	tagtggctat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240
aagcaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300
ttgaagaagc	aatagaatth	atcaagcaga	acattgtgat	atccagtggg	tttgtgggag	360
gctttttgct	cggacctgca	tcttaaggnc	atgaatattc	tcccataacg	gattcaacta	420
tgagaagaga	agtggcagca	ataaggcagt	ctctcaaaag	tcatactgcc	agagtctcta	480
gggcaaggng	aaacanctag	ctgggcaata	ctcaattcac	aacttagcat	tttgccatct	540
tgaagcttgg						550

<210> 5137

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (447)

<223> n = A,T,C or G

<400> 5137

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccgggttct	60
ctgccattcc	ttctgcaatt	acatgggttt	cccagctggt	tgcgcggcct	tggagcaccc	120
acagaggcgg	cccctgctgg	caggctatgc	cctgggtgtg	ggactcttcc	tgcttctgct	180
ccagccctc	acggacccca	agctctacgg	cagccttccc	ctttgtgtgc	ttttggagcg	240
ggcaggggac	tcagaggctc	ccctgtgctc	ctgacctatg	ytccctgggat	acgctatgaa	300
ctntgaccng	ctccccancc	ctccccacca	aggggttact	gcaggggaag	ggctagggtg	360
gggtccccga	gatcttaggg	aattttttta	gggggatttt	aagccagagn	tagtttgctg	420
tcccagggac	caaggagaaa	gaagcat				447

<210> 5138

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (555)

<223> n = A,T,C or G

<400> 5138

cgacagctct	ccaatactca	ggtaaatgct	gaaaaatcat	ccaagacagt	tattgcaaga	60
gtttaatttt	tgaaaactgg	ctactgctct	gtgtttacag	acgtgtgcag	ttgtaggcat	120
gtagctacag	gacatthttta	agggcccagg	atcgthtttt	cccagggtgca	agcagaagag	180
aaaatgttgt	atatgtcttt	tacccggcac	attcccttg	cctaaatata	agggctggag	240
tctgcacggg	acctattaga	gtattttcca	caatgatgat	gatttcagca	gggatgacgt	300
catcatcaca	ttcagggcta	ttttttcccc	cacaaaccca	agggcagggg	ccactcttag	360
ctaaatccct	ccccgtgact	gcaatagaac	cctctgggga	gctcaggaaa	gggggtgtgc	420
tgagttctat	aataataagct	gccatatatt	ttgtagacaa	gtatggctcc	tcccatatct	480
ccctcttccc	taggagagga	gtgtgaaagc	aaggagctt	ngataagaca	ccccctcaaa	540
ccattccct	ctcca					555

<210> 5139

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5139

gctacgtggg	aggctgaggg	rgragaatct	ctksmrcekm	rgaggmrgag	gttgcaagtga	60
gccaaagattg	tgccagcctg	ggcgacaggg	tgaggctctt	gtctcaaaaa	aaaaagtcga	120
catcttcatg	aaccttcaga	ctctggagtt	gggtgtcggc	tttttttagcc	agcttttgtk	180
ssrwtttsyk	wkracctatt	aaagaaggaa	agtgggtaat	ggagtcccag	ccactcaaga	240
gactggatat	ccccgagaa	tggcttggtt	taccagctat	ggacccttgg	aagatgaatc	300
taatccttct	cactggtttt	tctttgcaaa	ttcatttgc	tttatttttc	taataacaat	360
aaactctatt	ttccatgttc	tcagggccccc	tgggtagaca	gacacagctt	gatttcagag	420
cagacatagg	cgaagaaaac	atggcattga	gtgtgctgag	tccagacaaa	tgttatttat	480
atacacatcc	aaatttgaag	agaaaatgta	tttcttttagg	tttcaaacac	tgtaatagat	540
ataaagcaaa	aataaaaaacc	tggtgcaaa	ttaaaa			576

<210> 5140

<211> 631

<212> DNA

<213> Homo sapiens

<400> 5140

agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tgatgaaga	aagggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gcmgtkmgr	agawtgagta	taargsatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttcc	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaaggga	gaagctgatg	300
catttgttca	cgtctggaga	ctgcaaagca	tacagcccag	aggatctgga	agagagaaag	360
aacagcctaa	agaaatggct	tgagaagaac	cacatcccca	tcactgaaca	gggagacgct	420
ccaaggactc	tctgtgtggc	tggggtcctg	actatagacc	caccatattg	tccagaaaat	480
tgcagcagct	ctaattgagat	tattctgtcg	cgtgttcagg	atcttattga	aggacatctt	540
acagcttccc	aattgagaggc	cagggaagtgt	gaacatactg	atagaaaaag	actatatttt	600
atccctcata	aatgttttta	aawrtaaaaa	t			631

<210> 5141

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5141

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgate	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gcccaatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggagggtgga	tcctttaaga	300

<210> 5142

<211> 699

<212> DNA

<213> Homo sapiens

<400> 5142

gtttcactgt	gcggtgcagt	gcggcggcag	ctcgtgagga	ggaccctgtac	atkgacacca	60
ccctgaaggg	ttgccacact	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cacttttaaaa	accacatcat	acttttgact	aaagcagaac	180
cctgaagcca	ttccagagag	aagacagtca	cccaagaggg	ttctttcgag	waarsatmcc	240
mktgyymmar	kcaaaatwcc	tgccwgtwkc	tgagrmtgag	ktgkaaytkg	tatattktgw	300
rtaykatcty	wccagtgcag	ctgtacaaa	agatggtaga	ctatagcaat	acctataaga	360
ctgtcaaaac	ccagagctgc	attcaccttc	tcagtgaggg	tcactctgta	gtgcgagctg	420
scctgatgga	tgccagtcag	ctggaacctg	gagagaaggc	agagcttttg	gaagcattta	480
aggaaagctg	tgggcacctt	ggggactgtt	acagcaggct	tgactcccag	cattctcatc	540

tcaccttgcc	atactataag	atgtctggtt	tgtctatggc	tgaagttctg	gcccgcacgg	600
actggacagt	agaggatgga	ttacagaaat	acgagagagg	attaaatctt	ttacattaaa	660
tccattccac	tttatggaaa	acctgggatg	taaggaatt			699

<210> 5143

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (423)

<223> n = A,T,C or G

<400> 5143

caggtagtgg	cccctgtaag	cagggccaga	gtcgggacaa	agagcaggag	tgaagcagcc	60
aagagacaga	ggaccaggct	ggagccagtg	ggcacgcagg	agcctgcctg	ggaagaagcc	120
ggggggcaag	gctggcatgg	gaatgaacac	ctgctggtga	cacctctctg	agcttcagtt	180
cccttaacta	gaaaaataga	acaggcccgg	tgcggtggct	catacctgta	atcccagcac	240
tttagrkatg	rytgmrrcrr	ktrswtcwts	agrtcaggms	wccwwracc	ayymwrrccg	300
acattggggg	attagcaatg	ttttgttact	tgggcatttt	caagaggcag	acatagtcca	360
gaagcagaag	nttgggcagg	tcccagatct	tgttctatag	ccctttatcc	tgaagctcgt	420
gcc						423

<210> 5144

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (366)

<223> n = A,T,C or G

<400> 5144

gctccttctt	actctagtat	ctctgccttt	ggtcagtcag	agagcatttg	atgagtacca	60
tgctgggctg	gaccccatcc	tggtgcctt	ggaagataga	gacaggtcac	cttgatccct	120
gctgtagca	tttgggctgg	ctgagatggt	ggargtgtga	acagaatatt	ccagtccagt	180
gtcctctgtg	gtagggatgg	ggatggaccc	sggagaggcc	ctcctgttcc	tggcaggagg	240
tgggactcag	agttaaaagt	gagggtcaagr	cccagtgcga	tggctcacam	ctgcagtcct	300
agcacttcgc	gganttnagg	tggatcacca	gaaccncta	gttcaagacc	agccttggan	360
aaanat						366

<210> 5145

<211> 952

<212> DNA

<213> Homo sapiens

<400> 5145

ggttctacca	gtgcctacac	caagagtggc	tactgtgtca	acagggtttc	ttcacttctg	60
ccaggaggca	acaggcgaaa	ctcaacagca	aaagactaca	ccattctaga	ttgcatttac	120
aatgaggtaa	accagacctt	ctacgttctg	gatgtgatgt	gctggcgggg	acaccctttt	180
tatgattgcc	agactgattt	ccgattctac	tggatgcatt	caaagttacc	agaagaagaa	240
ggactgggag	agaaaaccaa	gcttaatcct	tttaaatttg	tggggctaaa	gaacttcctt	300
tgcactcccg	aaagcctgtg	tgatgtgcta	tctatggatt	tcccttttga	ggtagatgga	360
cttctcttct	accacaaaca	gaccactac	agccccggaa	gcactccctt	ggtgggctgg	420

ctgcgcccta	catggtgtca	gatgtccttg	gtgtagctgt	gccggctggc	cgctgaccac	480
caagccagac	tatgctgggc	accactccag	cagattatgg	agcacaagaa	gagccagaag	540
gaaggcatga	aggagaaact	cacacacaag	gcctctgaga	atgggcacta	tgaattggag	600
cacctgtcta	ctcccaagtt	gaagggttct	tcccatagcc	cagaccacc	tggtatgcctc	660
atggagaatt	aaagagagaa	gmctccttaa	ggagccacag	gatggtacct	ggccccaaaa	720
ggaatcctgg	agaggaggac	agtgacaaca	ggtgacttya	ttcttttagag	tgaactttcc	780
aaacccagtc	cagctggaaa	cagcttatct	ataatctgaa	atgctggctc	aaacagttat	840
ggggagggttc	ccagattgag	tagcattcag	attgatattga	gcagctccta	ctgtgataag	900
tgtatcccag	atccacaatg	taaatatatg	tgattttgtaa	gaaaaaaaaa	aa	952

<210> 5146

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(431)

<223> n = A,T,C or G

<400> 5146

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaaga	gcaggagtgga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
agaagccggg	gggcaaggct	ggcatgggaa	tgaacacctg	ctggtgacac	ctctctgagc	180
ttcagttccc	ttactagaa	aaatagaaca	ggcccgggtg	ggtggctcat	acctgtaatc	240
ccagcacttt	agrkatgryt	gmrrcrrktr	swtcwtsagr	tcaggmswtc	mwkaccaccm	300
tkraaaccgc	attgggggtat	tagcaatgtt	ttgttacttg	ggcattttca	agaggcagac	360
atagtccaga	agcagaagnt	tgggcaggtc	ccagatcttg	ttctatagcc	ctttatcctg	420
aagctcgtgc	c					431

<210> 5147

<211> 1101

<212> DNA

<213> Homo sapiens

<400> 5147

tgaaaagggt	aaacctgttt	cacctcccaa	atttatatat	tcaaagtatt	tacttaaaat	60
tcagaagcca	gaagttcatg	tcattgattac	caggaagttc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccgaa	agtcacagtt	180
maktckgmy	kakkcctagt	tcaggcttac	tatctagaac	ctcatgctag	cttaggttgc	240
atgtttacat	tgctgcagtg	tctttactgg	aagcttagtt	ggatcgaaat	ggacaccgag	300
atggagatgc	ttctggctac	atttcgcaga	accccaggag	acctgcattt	agaccactct	360
gtccatttgt	gtgcccaccc	ccacccccag	ggtctaagtg	tagactccaa	gaggagcagc	420
ccagagcttg	gaggagaggt	gtgtctgggg	saccactggt	gggtgggtgct	gctcttcttt	480
ttgttttagt	taatgcggtg	tcttttaaat	gactctcagg	cctcccagac	agccttggtc	540
ctttaaggca	gaagctcttc	ttcatttgtt	accycctggg	attcatgagg	tgtgagattt	600
ggcctgcttg	actttgaatt	caagtttttc	aagtgactct	cagtgtcaga	agaagatttc	660
atgctgtcca	catgtggtat	gtccacagct	caccttcaaa	ggcttagatg	tagccatcac	720
agagagtggg	attttattaa	gaacccaagt	cccagcctga	ccaacatggw	gaaaccccat	780
ctctactaaa	aatamaaaat	tagccggggc	tattggcggtg	cgctgtaat	cccagctact	840
caagaggctg	aggcaggaga	atcgccctgaa	cccagaggcg	gaggtttagt	tgagccgaaa	900
tcacaccatt	gcactccagc	ttgggcaaca	atagcgaacc	tccatctcaa	attaaaaaaaa	960
aaatgcctac	acgctcttta	aaatgcaagg	ctttctctta	aattagccta	actgaactgc	1020
gttggggagc	tgcttcaact	ttggaatata	tgtttgccaa	tctccttggt	ttctaataa	1080
taaatgtttt	tataactttt	t				1101

<210> 5148
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 5148

ggaagaggga	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgcccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgtccatgac	cgtggtcacc	aaggagaaga	acaagaagg	gatgtttctg	ccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggttcctca	tcgacggcgt	ggagtgcagc	300
gacgtcaagt	tcttccagct	ggcgcgcag	tggttcctcg	cacgtgaagc	acttccccat	360
ctgcatcttc	ggacactcca	aggccacctt	ctaggcccca	cccaccaggg	gggcccacct	420
ccttgcccca	ttgntgtgag	ggggcccagc	ttgcattttc	ttgtttaaac	attttcagtt	480
ttaattacag	aggacagacg	tttnaaaaca	caaag			515

<210> 5149
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 5149

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
kcaaacgtaa	grtgraagct	atkggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tatttcttca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttgGCCa	tctatacacc	attcttacca	300
cacaattgac	aatgatgaa	ctttctgaga	aggTgaaaaa	ctatagcaac	ctccttgctt	360
tctgtaggag	aattgaacag	cactattttg	aagatcgtgg	taaaggcagg	ctgtcataga	420
gttatgtgtt	agtctcagga	gtcttaactt	ttgaaatatg	ttttacttga	atgttacatt	480
agatattggg	gtcagaattt	taaaacccaa	ttactgcttt	ttgaaacctc	aaattatata	540
atgtatctta	tgtatgtgct	ttatattgtt	atgtgtgtat	acattaaaaat	aattctgaat	600
tatttaaatct	gatatgttgt	attctgtatc	ttgaaatttt	tgtttccttg	aaacatgcat	660
gcattttaaaa	ataaagctta	aacaactgta	tggatgttaa	aaaaaaaaan		710

<210> 5150
 <211> 648
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 5150

atttagtgag	atttgtattc	taggaagtgt	gtgccgtcac	ttgttcattt	acaactgcaa	60
agattgtatg	tctcctatgt	tttcctttca	tgccaaagaa	actcaccctt	tttaaaagcc	120
agcaggttgc	acaaacccaaa	aacaaaatat	tttgcccctt	aaataggcat	tttaagaagt	180
tttatttcct	ggtactttaa	tattgtgtag	agggaaagct	agttgtaata	atttgtaaaa	240
atgcggtgat	ttttaggaat	gcgctatttc	cagtaaggga	agtattgaca	tttttaagga	300
actgtgctgc	attaaaatcc	acagttgcat	gaaactttta	aaagtttaag	atataaagta	360
attgctaata	tttgtgaact	actcagagga	ctcaatgccc	taacatgtag	gggattgatc	420
attgcatgtg	ttaggccagg	atttctcatg	attgtatatg	gttattgatc	atttttaagg	480
ggctgaacct	gctgccttta	tacttttgac	acctccctcc	ctccncccw	ccaaactgtg	540
gctgtaaaaa	gtgactctgc	atagtcagcg	ttataactga	tttctttgtg	aatgcaaata	600
aaataaaatt	tgtaagtcca	ccaaatatgt	acttaactag	gtaaatgt		648

<210> 5151

<211> 906

<212> DNA

<213> Homo sapiens

<400> 5151

gtacttttgag	tgtttggggg	ttcaacacac	acatgcaatt	ttgcttaaca	aaagtatttt	60
ataatacagt	ttcatacaga	attaccttaa	aaggaggctt	tatgttttca	actacagata	120
gttgwaaggg	atcataccag	aagatattga	tgatagtkga	aatattctta	gaaggggtgt	180
gtatgtccta	gctgtgtctt	accatgtgta	tgtattcttg	acaagcagta	taaaatacct	240
gtgatttttc	tttacattag	ggataatgca	taaggaatta	atcttcatat	atattatcat	300
ccctaagtga	gcagggggaa	gtatttaatt	gcccattgata	tgtattttac	ttatactatg	360
ccrgagrgga	aactataaag	taattacmca	tgtaattctt	ggtttttcac	atatgtaggt	420
attcattttg	agtaggttga	agaagaaaaa	aaatatttaa	atgaattgaa	ttcctgatgg	480
gatagtatca	ataagtattt	aaaagccagt	attctaaaaa	taataaaggg	tagggtcatt	540
tttgagtttg	tttttctttt	gctattgtta	atattcaaaa	ttaaagtgtt	acattgggtac	600
ctgttgtctt	aatgcattta	ttgagaacag	cattgagatg	atgaacaagg	ggtttagcaat	660
agcaaaactct	ataattattt	tgactaatta	cttaagagga	aaacagtata	agtatctcat	720
tcagtattta	gcaattctgt	aaaataagta	ttatctctat	ttttcagatg	aggaagtaag	780
ggtttagcaa	ggtttaagaga	tctatccaat	ttacacagca	agttagtagt	tgagcctgac	840
catgagtctt	ctgactctgt	tcttttctct	atgcaatacg	caaacaataa	aatgtttatac	900
aaatgg						906

<210> 5152

<211> 677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (677)

<223> n = A,T,C or G

<400> 5152

caaagccgtc	ccttcaaate	cgtctttgtg	cccactgcc	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaaggg	tctcttcgga	aagggcggag	cagcatgaga	120
aagaatggat	ccctgcagag	acccctccag	tccgggatcc	ccactctcgt	ggtagsetcc	180
cycaracsca	gccccaccat	ggctcttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccccct	cctccccctc	asccgtgggt	gtggagatgg	gggtccaagcc	tgccctcacg	300
ggggagcccc	ccctcacgtg	catcancagg	ggcagtgagg	cccggttcca	ctccgcggcc	360
agctccctca	ttatggaaga	caaagaaate	cccatcaaga	gtgagcctct	gcaaaaaccg	420
cccgcactct	ccccaccatc	catcctgggt	aaacagaaaa	ctcaagaaat	ggcatcgaaa	480
gcaagtcaaa	accgtgagat	ttcagaatta	cagccctcct	ccaccaaaaca	ttacacctcc	540
atccacctcc	ggaaagcctg	acagcagcac	cctcaaggcg	tccagctgaa	gcagcgtctt	600

gggccagaga tgacatctat ttgccaccga gtgctgcact cggcaagaga agactcgaga 660
agtagctctg caaggca 677

<210> 5153

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (301)

<223> n = A,T,C or G

<400> 5153

ggcagtgtg cgcgggggtc ccagccctgc tgggaaggac caggggaacca ctcagcaatt 60
agaccctctt ggccctgccc ccaccatgca cccagcagcc agggagtgc gcgkcgacc 120
tggcagtgc tgaaacccag gcctycagcc ctccaaagcc tggggccacc cctgtagca 180
ggcgatgcta gaataaggag gagagccaga gctgaggctc cttgcccctt ggcccctyca 240
ggggccatgg gatctctgtc tcccacaccc ctgtcacggn ccgcttggan cancccatag 300
g 301

<210> 5154

<211> 427

<212> DNA

<213> Homo sapiens

<400> 5154

gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
acagatggac tgataacata ttcgcaataa aatctygsy cramagaaaa tttgggtttg 120
aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180
atattccatg gtggtgaagg atgtacaagc ttgtgaatat gttaaatttta aactattatc 240
taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcwtttt attaatgtta 300
aataaagtgt aaaatgcaga tgttcttcac cccttttggg agaacaaaag caggatgata 360
accatatccc ccagtgctc atcaaagtag gacactaaaa atccatccat ctcagtcaaa 420
gtcgagc 427

<210> 5155

<211> 775

<212> DNA

<213> Homo sapiens

<400> 5155

cttcaggaac tagatgtata tgcacaaggg attgagttta cactaaaact aggaaatgga 60
gttttcaatc tatgttcttg cctcttcata cttttattta ttttttgtca tcctgcctta 120
tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc 180
atttaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt 240
ttacttagcg tgttatgacc ttctcacc atactaccaa atttaaattg gtcccgactt 300
caccctctgg aaggaagtaa actcttctct ccccatgggt tcagagcagt tttacctgc 360
aagcaccatc tctgtatgtg ctcttactag attatacagt tcttgagagg gattgcatct 420
tggtgttttt gtatttccac ctacccccca gcacatagcc cagtctcttg cacaaattaa 480
gtacttaatg tgtgttgagc taaattgaat aaaggattat tagcattagc atattttgtg 540
ccttggttgt ataagctggg tgtttgtttt gttacctttg caaatattta tgattatcac 600
ccccccat actaaattgt ttttaaaagt tttgcctttc cttcagatac taccacaggc 660
aatttgctgt agataatgtg attgcttcca atgacataat tatcccaaac tctctgcccc 720
ggatatactt tgccaaacga aatttgaatt ctctgaataa attggtcatg tctaa 775

<210> 5156
 <211> 713
 <212> DNA
 <213> Homo sapiens

<400> 5156
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60
 tctgggggaa agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180
 agtaccaaac cagcatttaa tatctaatta taaatctaata ttggcctaaa ctttattatt 240
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggacaagg 300
 gtgtgaaatg aaaatatttt aggatttatk caaaracaga ctattctgtt ttcagcttca 360
 gaattgttct ttgaatccta aggaacctct gtcaacagtt gaggttgctg ttgaaaagaa 420
 agaagaagga ggcgggaaatc tctcaggagg aattatttcc tttcttttct atttcagata 480
 cctggagggg tgggggagaag taagaattgt aaggagggtt cagtagtggg gaattctgtg 540
 acagctgatt gaagatgatg atgaagaacc tctgcattct agttaccctt tgcttcgctt 600
 tcacctcttg taaaattggg ctggcaacaa tgacattgtc atgctttatg tccaatatcc 660
 tcctgtcgag atctaattgg cttaatcgtg ccgtaaatgg aattcccca cca 713

<210> 5157
 <211> 529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 5157
 agcagctgca tctagggggc cttggtgaga tttacactca gagcctggtc gcccccggtt 60
 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggcttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt ccactgaaca 240
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aagggagcag aacttggtggc 300
 agcaacagggt aaacttcaan aaggagggca ggatcccacc ctacagggct gggangganc 360
 ccaaaggccc catctgtttc tcctccagga gttgtcaagg cagcagaaag gantcaccca 420
 gccaaaggag gagatggctc ancggggctg caccaagggg ccaagaggcc tnaccctgtg 480
 ctaaaccttc ctctcactcc cctaagcctg gtngaaaaga gtcagaaan 529

<210> 5158
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 5158
 ttcattttta aaaagcttct ctttattatg ttgttggtta acaactkaaa cgctatctct 60
 agaccaggaa taattatttg ctatatawta cagcaaaaaa tatgtatgta taaatggact 120
 cattcaaaat atataaagaa ctctatttac aaagaaattg acaaacagcc cagtatatca 180
 atgaatataa aaatttgaga agatattttc cataagaaga tatctaaatg aacattaggc 240
 atgagaaaac caaatttttag gatatcacta cacacctggg yrtagtttaa aagactggaa 300

aatattaagt	gtgtggggaa	tgtagagcaa	ctgaaaatgg	cctacatctt	tcataggaaa	360
tgtaaacc	aatacaawta	ctttggcaaa	actctgtccm	acmttttcta	cccmtttcac	420
ccagggcact	yccttcctg	gcttttgggt	tnccccggg			459

<210> 5159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5159

ggatgccctg	gggcagaagc	tgccagaag	gccccagcca	gggcctggag	agcagctcac	60
agtcttcag	ttctggagtt	ttgtggaaac	cttggacagc	cccaccatgg	aggcctacgt	120
gactgagacc	gctgaggagg	tgtactggt	gcggaatctg	aactcggatg	atcaggctgt	180
tgtgctgaag	gccctgagat	tggcgcccga	ggggcgtctg	cgaagggacg	ggctgcgggc	240
cctcagctcc	ctgctcgtcc	atggcaacaa	caaggtcagt	gctgctgtca	gcaccagct	300

<210> 5160

<211> 540

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (540)

<223> n = A,T,C or G

<400> 5160

gtgggaactt	cccctaactc	ctggatgtgt	gtacctagca	cacttccttc	tcccaccct	60
ttttccagtt	ggatttggtt	ttctgttctc	ttctgtcctg	tcttatactg	caactgtgtc	120
tcctagggga	cagatggcct	tctttgtcat	cttcaactctc	cacccccaga	gaggagtcag	180
agcmwtaact	caatcactca	gcccctccaa	agatagttga	tgtgtgataa	tctcataatg	240
ttgagaaccc	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300
accattctt	cttgcctatc	tccatcccc	ttgaggcttc	cacttttttt	tttttttagac	360
ataaagctgg	gcatcagcaa	ctgggcctgt	gggtgatgca	aagctgcttt	gctctgtatc	420
tgggctggga	cttgatctgt	ctcacaagga	aggccatgag	ggncataggg	ggaggaaggc	480
ttccttntcc	cccttcctct	ttctgnttcc	aaagggtggg	tagggcaagg	aggggagtta	540

<210> 5161

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (683)

<223> n = A,T,C or G

<400> 5161

atacgatggg	gtgcttggtg	gatgggccat	ggaggctccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggctcagga	tgccccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagtggg	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tgttggggct	tcatgaacta	ggatgaaagg	aggccctga	240
gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300
cctggtcgtc	actctgggca	gggatgccgt	cagccttgag	ggtegccacc	cacctgtgtg	360
ttgccctctg	tcctggcggg	gaaacataca	ccccttgtct	caccaccaac	cttgcttgtg	420
tagtcnrcag	ggctgcctcg	ccccaaaggac	tcactgcatg	tacccgacc	cctaggcctg	480

```

gcctttgcag catagttggg agcttctgga ttccatctgc acctgtgagc cccatgctgg 540
ctgtgcactg cgcgggcctg agactgctgg atacaatgtt gggcaacaac tcagccagcc 600
tgatggcagc ctcagaggct tactctaacc catcccagaa taaatggaga cttcatgtgt 660
tcattgtttc attcactcaa aaa 683

```

<210> 5162

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 5162

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ctgacctttg tagagaatcg gaccttcgac atgcaatggc caattgtttt gaagcgtaa 60
taggagctgt ttacttgagg ggaagcctgg aggaagccaa gcagttattt ggacgcttgc 120
tctttaatga tccggacctg cgcgaagtct ggctcaatta tcctctccac ccactccaac 180
tacaagagcc aaatactgat cgacaactta ttgaaacttc tccagttcta caaaaactta 240
ctgagtttga agaagcaatt ggagtaattt ttactcatgt tcgacttctg gcaagggcat 300
tcacattgag aactgtggga tttaaccatc tgaccstagg ccacaatcag agaatggaat 360
tcctaggtga ctccataatg caacgtggta gccacagagt acttattcat tcatttccca 420
gatcatcatg aaggacactt aactttgttg cgaacgtcgt ttggtgaatn atagaactcc 480
aggccaagct agcggaggag ctgggcatgc aggagtacgc cataaccaac cgacaagacc 540
aagaggcctg tggggcctcg caccaagacc ttgggcgg 578

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<210> 5163

<211> 395

<212> DNA

<213> Homo sapiens

<400> 5163

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cagaaaattca aataattcct ttctgcttca atgccagcag aaggtccccc aggtagacat 60
ggagaagcac tttgttttaa ataggagggg ttcatagttg catctgaagc cacctggttc 120
tgttwawstg ttrtcgtgca ggtwkwgggt ttggcattat tcatgtttct gatcaattct 180
atgcaactct catagttcct gttacttttt agcattagct gccaaatgac ttcaaaaggc 240
tgggggtgggt gacttgactg tgagactgga ttataacatg gacaaatcct attttgctta 300
atgtgtttgt gtgtgtgtgt gtgtgtgtgt gtgtatgtat atatatatat ataaatatct 360
ttcccaatat gcccgttga cagtgtttta attcc 395

```

<210> 5164

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5164

```

cagaaaacta gcaggttaca ttttataggc tattgtagtt ttatttacca aatgatattc 60
tctaaatcac ttcgaccaat aaatgtattc tcctccttaa agcagagttg tatcaactct 120
gtgggagcat ttatgagctg tcagtcccca cacttctagc cagaatcaca ataaggctctg 180
gctgggtgtg ggggtgctgca taggaaaggg tctctggaga agcaagaagg gcacaatcat 240
ggcccactgc tcccctcttc ttctcagtgc tctttgccct ctctgctgc gatgttctct 300

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<210> 5165

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5165

ccttcccacc	ttgtgagttc	tcccagcagt	tccctggattc	ccctgccaag	gcactggcca	60
aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gtttgggttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggtcgtgac	cctgttatag	tggttatagt	180
ggtgtcccta	aagggaggaa	atgatttcag	caaaactggg	tgaacagcgg	atgaagatat	240
ggaattcaaa	gctctaattg	acctttttga	agagaagttg	tggttatgt	ggagtttaca	300

<210> 5166

<211> 655

<212> DNA

<213> Homo sapiens

<400> 5166

ccattgttag	catcgtacac	gattgtgatt	tttatgtcaa	aagaagccaa	aacttgcaat	60
actattttta	gcagacaaaa	aaaagaacta	agtataaaat	gtataaatat	ttttgacttg	120
aacatttgga	tggtcactggg	tmmamgtaga	gcattccatcc	ttcggatgra	atgtttggaa	180
aaaagagact	tttaaaaagg	agacggttgt	tttaaagagt	ctgttttaggg	gttaaagtac	240
tgtaactcac	gactgttaaa	aaataaattt	tccctgtgctg	ttaaaggaag	tttcacagta	300
ccactgagtt	agatttcagc	cacagatgct	tagctttttt	tttttgcctt	ttttttaagg	360
aggaagcctt	tgttttgttt	tccctgagccc	tcactctggt	tttgtgctgt	tactcggtag	420
agtcaagact	gttacttttt	agccatggct	gacattgtat	caataactaa	aactgaaaca	480
ttcaaaagcg	aacaggggaa	ccgagggcct	caagcgtgct	cagagccggt	tcagacagtg	540
gaaatccatg	acaaacaaaa	ggatgtgatc	attaattgta	aagcgctttg	taaaattcac	600
atttacaaaa	taataaagtc	agttcaaacc	taaaaaaaaa	aaaaaaaaaa	aaaaa	655

<210> 5167

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5167

cacctgtgcc	cccaggctca	aggtctctgg	caggtgcaca	ccagcccaac	tctgcagggc	60
ttctytccct	gccaccaccc	cccaagccag	gaccccaactc	cttccccgag	gctgagctga	120
gcctttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gctccggctg	ctggagggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
ggccccggga	gaggcggccc	ctacccaaac	actggctgct	ggcattccac	caagtgaccc	300

<210> 5168

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5168

ttacttttga	ttgtgtctga	tggaactga	gttgttggcc	tttgtgaaat	gaaatttttg	60
gctcttgaga	aagaattctt	atgaattgtt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttaa	acactttttt	tcataatata	tattcccagag	tagatatatt	180
taaaatatat	gtttctttca	ttatgtgttt	gtaaaattag	agtttaaata	aatatgcttt	240
gatgcatagt	tttgaactaa	tgtaacatga	tttttctttt	ttaaaacagc	ctgaaaatgt	300
actagtgttt	aaaaataaag	atttccattt	tctccaaaaa	aaaaa		345

<210> 5169

<211> 703

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (703)
 <223> n = A,T,C or G

<400> 5169
 cgcgacgggg gttcagggaa tatttactgg gcctctccgc tccctctgct cttggagggtg 60
 ccatgagggtc agttagctac gtgcagcgcg tggcgctgga gttcagcggg agcctcttcc 120
 cgcacgcaat ctgcctcggg gacgttgata acgatacgtt aaatgwacys gtsgygrsag 180
 mcrycagmgc ggaagggtgtc tgtgtataaa aatgatgaca gtcggccatg gctcacctgt 240
 tcttgccagg gtaatgctga cttgcgttgg gggtggagac gtgtgtaata aaggaaagaa 300
 cctgttggtg gcagtgtgtg ctgaaggctg gtttcatttg tttgacctga cacctgccaa 360
 ggtgttggat gcttctgggc accacgagac actaatcgga gaggagcagn gnccagtctn 420
 caagcagcac atccctgcc aacacanggt catgctgac agcgacatcg atggagatgg 480
 gtgtcgtgag ctggtggtgg gctacacaga ccgtgtggtg cgagctttcc gctgggagga 540
 gctaggtgag ggtcctgaac atctgacagg gcagctgggtg tccctcaaga aatggatgct 600
 ggagggtcan gttnngacagn ctctcagtga ctctggggnc actnggtctt cctgaactga 660
 tgggtgtctca gccaggtngg tgcgttttgc aattctnctg ng 703

<210> 5170
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 5170
 acaaggacaa gaaagaaagt acggttgcaa cggctggctc gcatgcatgc cgacatgatg 60
 gaggatgttg aggaagtata tgccggagac atctgtgcat tgtttggcat tgactgtgct 120
 rgtggagaca cattcacaga caaagccaac agcgcccttt ctatggagtc aattcatgtt 180
 cctgatcctg tcatttcaat agcaatgaag ccttctaaca agaacgatct ggaaaaattt 240
 tcaaaaggta ttggcaggtt tacaagagaa gatccacat ttaaagtata ctttgacact 300
 gagaacaaag agacagttat atctggaatg ggagaattac acctggaaat ctatgctcag 360
 aggctggaaa gagagtatgg ctgtccttgt atcacaggaa agcc 404

<210> 5171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5171
 gttccctct tcttgtgaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60
 agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgcag 120
 ccgctgggta aggggtgatg ctagcctggc ttattgcacc ttcttttgg cggttggett 180
 gtcgcgaatc ttcattcttag cacatttccc tcaccagggt ctggctggcc taataactgc 240
 tgttgtcact ccactctcct aggcgctgtc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 5172
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (593)
 <223> n = A,T,C or G

<400> 5172

agcatgccct	aaagagggac	cagctgtagt	aggtcagttt	attcaagatg	tcaagaactc	60
aaggtctaca	gattccattc	gtctcttagc	tctactttct	cttggagaag	ttgggcatca	120
tattgactta	agtggacagt	tggaaactaaa	atctgtaata	ctagaagctt	tctcatctcc	180
tagtgaagaa	gtcaaatacag	ctgcatccta	tgcattaggc	agcattagtg	tgggcaacct	240
tectgaatat	ctgccgtttg	tectgcaaga	aataactagt	caacccaaaa	ggcagtatct	300
tttacttcat	tccttgaagg	aaattattag	ctctgcatca	gtggtgggcc	ttaaaccata	360
tggtgaaaac	atctgggcct	tattactaaa	gcactgtgag	tgtgcagagg	raggraccag	420
gaatgttggt	gctggaatgt	ctagggaaaa	ctcactctaa	ttgatccagg	aaactcttcc	480
ttccacggst	ttaagggggg	actttgattc	agggttnatt	catnattgnc	ccgaagggtc	540
agtgggttta	cgggctgttg	aaattttnac	aattttcttg	naccctntcc	aca	593

<210> 5173

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (447)

<223> n = A,T,C or G

<400> 5173

gacacattaa	aagagagata	tcaaaaaatt	ggtgacacca	aaaggaatac	tcccattgaa	60
gctctctgtg	agaactttcc	agaggagatg	gcaacctacc	ttcgatatgt	caggcgactg	120
gaacttcttg	aaaaacctga	ttatgagtat	ttacggaccc	tcttcacaga	cctctttgaa	180
aagaaaggct	acacctttga	ctatgcctat	gattgggttg	ggagacctat	tcctactcca	240
gtagggtcag	ttcacgtagg	attctgggtc	atctgcaata	actygagaaa	gccacacaca	300
tagggatcgg	ccatcacaac	agcagcctct	tcggaaatca	ggtgggttag	ctcaaccaat	360
gggagagctg	gatgttggat	gatccccacg	ggagccccan	tcccaatggc	accatttcac	420
agcttcatgc	ccgagggtgg	aggtagt				447

<210> 5174

<211> 1170

<212> DNA

<213> Homo sapiens

<400> 5174

gggtgcagtg	gctcactcct	ataatcccag	catttttgaa	gtcctatgca	ggaggattgc	60
cagaggccag	gaatttgaga	tcagcctggg	caacatagtg	aaactctcat	ctttataaaa	120
agtaatatata	aaatttttaa	aagtgtataa	actgtaaagt	atatttttact	ggtgttttct	180
tccttattcc	tacttgtcag	atgcaaatac	acatttttgt	gtgtttgtgt	ttagtaatta	240
taagtataca	tatttcattc	ttctatttca	tatatttcta	tgacattata	tcttagatgt	300
gtaatttatg	aactactact	ggattatttt	aatccattag	aaattactat	tcacgcattc	360
tgtattcaat	tcattgtgata	gctaataatat	ttggtttttaa	atgcatctta	ttttgtgggt	420
ttcttctagg	ctgttttttg	tgctttcttt	taaaaatata	taggttttaa	taatcttaat	480
tttcttttag	tttgaaatgt	atatactcat	tttattcatt	agtctaagat	aagaattgta	540
acacttctct	aacctattat	agaattgtta	atacctttac	ccttctcttg	aacacatcaa	600
aggatgtcat	tgagtgttgg	tattggagta	tagcatatct	attattctgc	tcaattagaa	660
gatattgttc	atgttgtata	gagataataa	gtaattgtat	tgatctgcag	atgcatccat	720
ctcttggttg	ctcattcctt	ctaccactgc	agaactttca	cctgtaatca	ctttcctttg	780
gccttaagga	taacttttag	ggttactttt	ctactaaatt	tccaattttt	gaccagatat	840
aatcttatat	tgtgctcttc	ctgaaaaata	ctattgttgt	ggatagaaat	ctgggttggt	900
agttatttct	tcagcaattt	gaccatgtca	ttccactgtg	tccctggcct	cctgtatact	960
ggatgtgaat	ggatacaatt	atatattgtg	tttatagttt	tcctgtgcta	taggaacagt	1020
attccccgaa	tctgatgcaa	aggacaacac	accctagaga	ttgtaacagt	gagatgaacc	1080
aagtgattgg	atgggggttt	gagttgctgg	aataatggag	ttacagtgtg	caatgcataa	1140

gcaacataat aaattatata tctggtgaac

1170

<210> 5175
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 5175
 cgccgcacag ctgctgaatg scttgrryt wgstggyger ttwcmkcrms ymgsrctga 60
 agctcagccc tggccaggtc cagaccttc tgctgtgggg agcaggggcc ctggctcgtct 120
 actggtcgtc gtctctgctc ctcggettgg tcttgccctt gctggggcgg atcctgtggg 180
 gcctgaagct tgtcatcttc ctggccggct tegtggccct gatgaggtcg gtgcccagacc 240
 cttccaccgc ggccctgcta ctctggcct tgctgaccc ctacgcctcg ctgagccggc 300
 t 301

<210> 5176
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 5176
 ctgagatctg cttttactga agtggatcaa tgatgaaact agccaaatct gagcatcaga 60
 agkctttccr gtctacctga tgcattgatct ctacagttct gagaagcara actataaaac 120
 aatgtaaaac aataagggca tatgtctggt gtgtgtgtgt gtgtgtgkkgk gtgtgtgtgt 180
 gtgtgyacsc acaygtgttt ataaagrtar cagytgtagg aatgaatgag attgrgggtg 240
 rgggggtgcr tatgtatgtc tatgaaagcc taatcatttc tgggcaatga tgwaaagggt 300
 ttackactga tctttgtaac tatgatggtt tctacacttg acctgggct 349

<210> 5177
 <211> 907
 <212> DNA
 <213> Homo sapiens

<400> 5177
 gctgtacgga gaggctgga ccgaggggag ctgggagcag gtactgcctc catcctgagc 60
 tgccgctcctt tgaagggaga acctggggta ggggttcgagg agcctggcra gaactgtgca 120
 cctcctcggg aggagcagcc cctcctctgt ctgctttccc cctcccttca atatgctggg 180
 gcggagacyc kggcctccaa agtgcaattc cgggacccca aatcccagcg gacgcaccag 240
 gctcagggtg cgttcagggt gtgtgtgccc cctggctcct acaccccggg accccttcc 300
 gctgcccttg gagaacctcc tgacctcac ttcagtccag ccgaacttga gtgggtcact 360
 aaggagaagg gggccacact cctctgtgcc ctgctggtac ggggtggaatg aggggtgaga 420
 caccactact acaagcacag tcgggcccgc ggcattggga ctctgagtgg cgactgctcc 480
 acctcattcc cgtgactcgt ggcattgcga ggtgctggar cttggcagcc gcgcaggagc 540
 atgtaggcag gctctcagat gtaggtggca agtggcacag ctccatgtcc ggaggcccag 600
 cactccgtct gatgggagga gycgtgggag ccagctcca ggccctggta cccctcttca 660
 tgcactgatt tggggaacat gactcccttt tactccccta cccacatca cttaatttat 720
 ttcggttttt gtttctggtt actgtgaatc ccagaggagt ctctccctgt gccacatga 780
 agctgctttt tccggggcca ccgggcccga gtggggaagg gtgggcccac ggaagatggg 840
 ggccctctgta cagttgttac tgactctgat ttctaaggag ccaataaaca ccgtctcaga 900
 aaaaaaa 907

<210> 5178
 <211> 865
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(865)
 <223> n = A,T,C or G

<400> 5178
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 accttttttaa attatgttag agatgtatat aggtatttaa aggtcactgg gagcgtttct 180
 gattcccggc cacactttgc atttcaacac tcagcccggg aagatgctcg ttcgggttgtt 240
 ggacctcttt cactccctgc gtgtaagaag gtgaatcacg tgggaaaaag tggmtyytya 300
 gtaaaccgggt acagctcatt ctttctgaga aggcccccagg tcctgctccc tcctcggatt 360
 tgattgtctt ccgtgctttg cctcactcgt agtaaatac catccataga atagtgaat 420
 ctttggtgag cttcagtggg cagagtgaag tcccgcatta gcatttaggt gccctgagct 480
 gtttctgcca atagattaga aagcagccat gagttgacag tcttttaggg ccctgccagt 540
 gtgcaattag tcattgacaa gaacaatgcc atttgagagt gaggtgggtcc ctgctgctac 600
 gaggccattg tactgttttt tccttgagggt caaagcagtg cttcccatag agtttctgctgc 660
 ctcttctgtg gacaggaaga aaacttcatt accgaatcag agccttggtg gccactgaact 720
 ctctgtctta ttgcagatgc tgtggttggc ctcacaagca acgccttatg ctgatgtgca 780
 gaggtgccag ctgccawttt gccaaactct gcatttcatt tcattctaang gyttargccc 840
 ctcttntctt cgggggttan ccgtg 865

<210> 5179
 <211> 952
 <212> DNA
 <213> Homo sapiens

<400> 5179
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 saaagctggg aattcyttga yaragtkawk masaatgcmk mcawaatgaa tgcattyasr 120
 ctrytrtggg ttactagaca tcaaagtaaa ggagcagctt ttggaaaatc taatcaaggg 180
 aaggaagatc tatgaacctc cacggtatat gagtgtaaac caagcagccc agcagcttct 240
 ggagattggt caaaatcaaa gaatacaggg agaagaacca gcagttaccg aggagacact 300
 ttgtgttggc ttagccaggg ttggagccga cgaccagaaa attgcagcag gcactttaag 360
 gcaaatgtgc actgtggact tgggagaacc attgcattcc ttgatcatca caggaggcag 420
 catacatcca atggagatgg agatgctaag tctgttttcc ataccagaaa atagctcaga 480
 atctcaaagc atcaatggac tttgaacata gatatttacc attgtctgat gtaaatttca 540
 gccatatatg gattgatatg gtttggtatg atccccaccc aagtctcacc ttgaatttta 600
 atcctcataa ttcaccaggt ttgtggtagg taattgaatc atgggggcag tttccctcat 660
 gctattctca tgatagttag ctttcatgag atctgatggt ttataaagt cctggcattt 720
 cccctactgg ctctcattct cactcttgcc gccctgtgaa gaggtgcctt ccaccgtgat 780
 tgtaagttt cctgaggcct tcccagccat ttggaactgt gagtcgaaaa ttaaacctct 840
 tttataatta cccagtctcg ggtatttctt catagcagtg tgagaatgga ttaataacctg 900
 gatgcatgca tgtttgtgta acaaacaggt cttttggctt atctagtaag ta 952

<210> 5180
 <211> 657
 <212> DNA
 <213> Homo sapiens

<400> 5180
 gtatcacctg agcaaattct ttaaattata cattctgtga tatttccttg actttcttat 60
 ccagcacttg tattgattat ttttcatttt gataatgttg ggtttttaaa aactccttta 120
 tgatggaaaa tttcaaactc acacaaaagt agagagagaa tggatataata aaccactca 180
 gttttaagga ttgtcaacta ataccagttt tatttcatgt atgactccaa caacttcccc 240
 aaccagcctt cagattattt gaaagcaaat ttcagacatc gtattttact catacatttt 300

ctagtatcta	aatctggaag	agactctttt	ctaacagttc	tgtagcatta	attataactca	360
tactgttggtg	caacaaatat	ccagaaatct	tttgtcttgc	gaaactgaac	ctcttaccca	420
ttaaactacta	actccctttt	ttttcacccct	gaaccatkgg	caaccacaat	tttactttct	480
ttttctgtga	gtttgattac	ttgatacttc	atgtgagtg	aatcatataa	tayyytctct	540
tytgtgactg	acattttatt	tagcttaatg	tcttcaagtt	tgacccatac	catatcatgt	600
ggcaggattt	ttcccttttt	ttttttttca	gacggrgytc	gytctgtcgc	cagggtgg	657

<210> 5181

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5181

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gccaggaggc	ctkcctggag	gcggtgctac	gtcgactaca	ggsacagtgt	cggcaggaac	180
tggccaggct	ggtgggagcc	cgccttggtc	tcactctggat	cccgccacct	ggacgctgag	240
ggcctgtcga	cgggccctcg	tgtgggaagc	ctgccctggc	ccagcctggc	tgggtcttgg	300
aggagcagat	tcgaaggcag	gtggcgagc	gacgatgcag	atgcagagcc	cacgtcacat	360
gctcgctcca	ggggtggggc	tgggctgact	ctggccggat	cccaggcctg	tggctagcag	420
cactggggac	aggaatggct	ggtcccttga	ggaggctcgt	acaggctcag	cctggtggtc	480
tggaggggac	tcggaaataa	attgtagcag	ctttcctgcc	gctggccctc	ccccgccac	540
cctgtcgggt	ttccctgttt	gggggtggga	gcgtggagga	gcccctggca	gttggtggcc	600
agtgtagggc	tggccaggtn	ctggaggaca	tgcatacccc	agcactgggt	agtggcagga	660
ccacggggag	gtggcacagg	cctccctgga	gcnggattat	ctcgcccccg	cccccttca	720
tttgggctcc	cgctgtgggc	ctggcctggg	ctgtgagcac	agcttgcccc	nacctccggc	780
catggctgtg	nctggtgggt	ncgcgggatg	ggagcccggg	gctcttgctt	ccttttcccc	840
ggaagtgtgt	tgcttccggg	tngggaggna	cagcattggn	acaagagggg	ttttntttcc	900
anaggctgtt	caagcaaagt	tnaagttgat	tccttgacaa	agaagcatnt	gttttcccg	960
ngaacttgc						969

<210> 5182

<211> 280

<212> DNA

<213> Homo sapiens

<400> 5182

gaggagttaa	atthttgaagc	tctttgagaa	aggtagcttt	tcttaacatg	ttkkwtaaat	60
aaaaatacaa	tggcttattt	aaaatgtccc	tatgcatggt	gaaatgttaa	ataccaagtg	120
gatgaatgg	tctcaaatat	attgtaatgg	agaattattc	acatgcatct	attgtttaaa	180
ctaataagta	aaatagactt	cctttttctg	ttctgtttta	aatgtgcact	aaaattacct	240
gcttgtgggt	aagcatgggc	tggacagttt	attgattttt			280

<210> 5183

<211> 758

<212> DNA

<213> Homo sapiens

<400> 5183

gccacacggg	cccgcacat	ccctgcaatc	tggttccgct	acgacctcag	ccccatcacg	60
gtcaagtaca	cagagagacg	gcagccgctg	tacagattca	tcaccacgat	ctgtgccatc	120

attggcgggga	ccttcacgct	cgccggcctc	ctggactcat	gcattcttcac	agcctctgag	180
gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	acacccagcc	taatggccga	240
ggaccctggg	catcgccagc	cttgccctcca	gtgccctgtc	tcctttggcc	ctcaatctgg	300
tcccaaactct	ggctgtgtcc	caaaggggtgt	gtgggaagtgt	gggggaaagt	agaggatggc	360
tcgatgtttt	gcagctacct	cttttccccg	tgtttctttt	tagacaaatt	acactgcctg	420
aagttgcagt	tcccctttcc	ctggggagcc	ccaagaacag	agtcaggcaa	ggggtgggga	480
gtccagggat	cttggggacc	cctcctagga	gagctgcagt	ctcttccctc	aggggaacat	540
cccagaatgc	atatcgatca	gctctcagcc	aggcttcgac	aatctcgcag	ccccactag	600
gtggacacat	taatgatttk	gtttctcccc	tgggcagcca	acctgcccc	gaggcaccag	660
acctgggctt	tctagctttt	gggaccaggc	tgcccaaagg	tactccttta	tacacccggc	720
accttccacg	gagatgggta	ctttcccaag	caagcccc			758

<210> 5184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5184

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tttgactaag	cctccctccc	ctactccctc	ctttccttcc	ttccttcctt	cttctctatc	120
aatataatca	ctttgtttct	ttcaggtgag	atcggactgg	aactgttcgg	ctgcgaccag	180
aaattttatt	tcttgagtaa	attgccgaga	attaagaatg	aagagggcca	tttgcattct	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 5185

<211> 333

<212> DNA

<213> Homo sapiens

<400> 5185

atccagagaa	atgatgtgcc	ttgtgtaaag	ttgtggtttag	gaagggacag	agccaggact	60
ctaaattctg	tcctccggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttggt	tccttttggt	ttacttttta	ttatggcaaa	180
tttcaaact	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcattgccagt	240
tcaaactatga	atacatgggc	aaccttggtat	cacttaaaact	cytgcasaca	agccctgccc	300
catcctgttg	ttttgaataa	aatccatcat	tgt			333

<210> 5186

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5186

aaaacactat	ttacctat	tccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aatacttata	ttctgtgagc	tcacaagaaa	ctcagggcgg	cccccttagc	tcctatgact	120
ggaacccatt	gaaaagggtg	ttgtcaaagc	tggagacaaa	gtgaaagcgg	gagattccct	180
catggttatg	atcgccatga	agatggagca	taccataaag	tctccaaagg	atggcacagt	240
aaagaaagtg	ttctacagag	aagggtgctc	ggccaacaga	cacactcctt	tagtcgagtt	300
tgaggaggaa	gaatcagaca	aaagggaaatc	ggaataaact	ccagcaagga	aatggccagt	360
taagtagtgt	cttctctctc	cacccaaaag	aggaagtgcc	tccagctttt	ctgggggtct	420
cataaagagc	agttttacta	aatgattgta	tgcttatgct	gaacaccttt	catattggag	480
aatcatgcat	ttgggtcact	aattatctca	aaatatattca	tactaataaa	gttgaattat	540
tttttattgg	aagcc					555

<210> 5187

<211> 1029

<212> DNA

<213> Homo sapiens

<400> 5187

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aacaggaata tggaaagaaa ctccagagccg agttagtgga aaagtggaaa gcagagagag      60
aggctcggct ggcaagagga gaaaaggaag aggaggagga agaggaggaa grgatcaaca      120
tctatgcagt caccgaggag gagtccggacg aggaaggcag ccaggagaaa ggaggggacg      180
acagccagca gaagttcatt gctcacgtcc ctgttcacct gcagcaagag attgaggagg      240
cactggtgcg aaggaagaaa atggaactcc tccagaagta tgcaagcgag accctgcagg      300
cccaaagtga agaagccaga aggctcctgg ggtattagga ccagctggg gctctccttg      360
gagttcttcc atccccccag ggtacctcag gacccagggc tkcagacaca ggctgggtgct      420
gcaagggctc ctgccccatt ctccagcctc cttccctctc cttgtctcat gttgaccgga      480
gggtaggggt ctgtccctgg tcttcctggg aggttttgta cacatatttt gctactgtgt      540
ggatccattt atttttattg tggagtgtat acaacagggt gcgaactggc tgctgtgtgc      600
ttattttgac ttgcactgcc attttgaggg gagaagaatc aattagtggc aaacatttaa      660
aaatgcaatt ttttgacagc caaagtataa ttttaaaaaa tgcaaatttt ctaaaagaca      720
catctcttga aaaatgagat gatgtggcca ggcgcaagtg cagcctgtga accccagcac      780
tttgggaggc cgaggcgggc gggtcacgag gtcaagagat ggagaccatc ctggccaaca      840
tggtgaaacc ccatgtctac taaaaatata aaaaaattag ctgggcgtac tggcatgcac      900
ctgtagtccc agctgcttgg gaggctgagg caggagaatc acttgaacct gagaggtgga      960
ggttgaagtg agcaagactc gtgccattgc actccagcct ggcgacagag tgagactctg     1020
tccccccac                                     1029

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<210> 5188

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 5188

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gnnctataga atacaagcta cttgttcttt ttgcngganc ccwtckagws kgaattatag      60
tattgacgtg aatcccactg tggatatagat tccataatat gcttgaatat tatgatatr      120
ccattttaata acattgattt cattctgttt aatgaatttg gaaatatgca ctgaaagaaa      180
tgtaaaacat ttagaatagc tcgtgttatg gaaaaaagtg cactgaattt attagacama      240
cttacgaatg cttaacttct ttacacagca taggtgaaaa tcatatttgg gctattgtat      300
actatgaaca atttgtaa atgtcttaatt gatgtaaata actctgaaac aagagaaaag      360
gtttttaact tagagtagcc ctaaaatatg gatgtgctta tataatcgct tagttt      416

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<210> 5189

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 5189

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aatggcctgc ctccacacgtc agccagaacc cagctgcccc agtcaatgaa gattatgcak      60
gagatcatgt acaaactgga agtgctctat gtccctctgc tgctgctgat ggggcgtcag      120
sraaaccagg ttccacagaat gattgcagag ttcaagctga tccctggact taataatttg      180

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tttgacaaac	tgatttggag	gaagcattca	gcattctgcc	ttgtcctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatcacc	ttgaagatac	agtttttgag	gcttcttcag	300
agcttcagt	accaccacga	gaacaagtac	ttgttactca	acaaccagga	gctgaatgaa	360
ctcagtgcc	tctctctcaa	ggccaacatc	cctgaggtgg	gaagctgtcc	ttcaacaccg	420
acaggagttt	gggtgtgtga	tggggaagag	ggggcttatt	taactcgtct	ggttgaggt	480
tcatggaaga	agggagccag	caggagtcgt	cttttcaggt	tttnggcaag	ctcggggntg	540
ttgggagagt	tttctctccg	aggggaccac	ct			572

<210> 5190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5190

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgctgc	atttaaatac	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagattttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacgggcccc	240
ttccatggac	atagatgact	tcatcagatt	gctacatgga	ttcaacgcag	aaggtattca	300

<210> 5191

<211> 553

<212> DNA

<213> Homo sapiens

<400> 5191

ggtacacgaa	gaggtgataa	tgacagccac	caaggagatt	tggagcccat	tttagaggca	60
tctgttctat	cttcccatca	taaaaaaagc	tctgaggaac	atgaatacag	tgatgaagct	120
cctcaggaag	atgagggctt	tatgggcatg	tccctctctt	tacaagccca	tcatgctatg	180
gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaaggct	ggtggcgagt	gatccctcat	240
gatgtactac	cagactggct	caaggataat	gacttctctt	tgcatggaca	ccggcctcct	300
atgccttctt	tccgggcctg	ttttaagagc	attttcagaa	tacacacaga	aacaggcaac	360
atttgacac	atctcttagg	tatgtaatgt	cagtgatgta	atgagctggg	gattcacttt	420
cttccttttt	attttcatgt	atttgagggg	aagcacagaa	cttcagaaat	gtatttggat	480
ttgccatttt	gttttctgaa	tttctaata	tgaattttct	gactgggtta	ctcgtagttt	540
atcctggttt	gca					553

<210> 5192

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5192

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatgtt	gcctgaggga	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaatgttct	gcaccaaaa	acattgacta	tttgatgact	tgggttcaag	300

<210> 5193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5193

gaaccaagaa	aatattttaa	aatctaagca	gtcctttgct	cattaaagga	taaatacagta	60
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gttaacactt	tttctacaaa	gaaatggtgt	gcctggatgg	tcgtgtaggt	gagttttacc	120
aaggattatg	gtaacaaatg	agtgagacct	ctatggagaa	aatattgaag	gacattaaag	180
aagacctcat	aaatggagag	agatatatca	ttaatggata	ggaagcctca	atggcataag	240
tatgtcagtt	tctttcaaaa	ctcacctatg	gattcaatgt	gattccaaac	caaatcccaa	300

<210> 5194

<211> 575

<212> DNA

<213> Homo sapiens

<400> 5194

ggacaagtcc	aagaaactgg	cggagcaggc	tgcagccatc	gtctgtctgc	ggagccaggg	60
cctccctgag	ggcggctgg	gtgaggagag	cccttccttg	cacaagcgaa	agagggaggg	120
tctgaccaa	gaccctgggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccctggaag	gctgggtgact	240
actcttcctg	ccttagtcac	ccctccatgg	gcctgggtgct	aagggtggctg	tggatgccac	300
agcatgaacc	agatgccgtt	gaacagtttg	ctgggtcttsc	ctggcagaag	ttagatgtcc	360
tggcaggggc	catcagccta	gagcatggac	cagggggccgc	ccaggggtgg	atcctggccc	420
ctttgggtgga	tctgagtgc	agggcctaag	tctctttgaa	aacaggagct	tttcaggtgg	480
taactcccca	acctgacatt	ggtactgtgc	aataaagaca	ccccctaccc	tcacccacgg	540
ctgggtgctt	cagccttggg	catcttcata	aatgg			575

<210> 5195

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 5195

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aagtacttcc	tattgaagac	agtggaccag	cacatgaagc	tggccttctc	caaggtcttg	120
cgacagacaa	agaagaaccc	ctctaatecc	aaggataaaa	gcacgagtat	ccggtacttg	180
aaggcccttg	gaatacacca	gactggccag	aaagttacag	atgacatgta	tgcagaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccatcaagc	tctatgattt	ctacctcttc	300
aaatgcccc	agagtgtgaa	aggccggaat	gacacctttt	tacctggaca	ctggaggcc	360
agtgggtggg	ccccccaaca	ggcccaatct	ggttaytcag	tccagcctat	tcaggcagag	420
aggcagatgg	gggacaattg	tttgacgcgg	gttcnggggt	gattaaggag	gaanttt	477

<210> 5196

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5196

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tctatgcctt	tccggctgct	catcccgcctc	ggcctcctgt	gygcgctgct	gcctcagcac	120
catggtgcgc	caggtcccga	cggctccgcg	ccagatcccc	cccactacag	ggagcgagtc	180

aaggccatgt	tctaccacgc	ctacgacagc	tacctggaga	atgcctttcc	cttcgatgag	240
ctgcgacctc	tcacctgtga	cgggcacgac	acctggggca	gtttttctct	gactctaatt	300
gatgcactgg	acaccttgct	gattttgggg	aatgtctcag	aattccaaag	agtgggtgaa	360
gtgctccagg	gacagcgtgg	gactttgata	ttgatgtgaa	cgctctctgt	tttgaaacaa	420
acattcgagt	ggtagggagg	actcctgtct	tgttcatctg	cttttccaag	aaggctgggg	480
tgggaagtag	aggctggatg	ggcctgtttc	cggggctttt	ccttgagaat	tggctnagga	540
nggcggcccc	aaaaat					555

<210> 5197

<211> 1175

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1175)

<223> n = A,T,C or G

<400> 5197

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tgtacctcca	aagagaacag	ttaaaagaaa	tatacccaag	ctggatgctc	agagattaat	180
ttcagagaga	ggacttccag	ccttaaggca	tgtatttgat	aaggcaaaat	tcaaaggtaa	240
aggtcatgag	gctgaagact	tgaagatgct	aatcagacac	atggagcact	gggcacatag	300
gctattccct	aaactgcagt	ttgaggattt	tattgacaga	gttgaatacc	tgggaagtaa	360
aaaggaagtt	cagacctgtt	taaaacgaat	tcgacttgat	ctccctattt	tacatgaaga	420
ttttgttagc	aataatgatg	aagttgcgga	gaataatgaa	catgatgtca	cttctactga	480
attagatccc	tttctgacaa	acttatctga	aagtgagatg	tttgcttctg	agttaagtag	540
aagcctaaca	gaagagcaac	aacaaagaat	tgrgrgaaat	waaccaactg	gccytggaaa	600
gaaggcaggc	maagctgctg	agtaatagtc	agaccctrng	aaatgatatg	ttaatgaata	660
cacccagggc	acacacgggt	gaagagggtta	atactgatga	ggatcaaaag	gaggagtcaa	720
atggattaaa	cgaagacatt	ctggacaatc	catgtaatga	tgctattgcc	aatactttaa	780
atgaagagga	aacactgctg	gaccagtctt	ttaaaaatgt	gcaacagcaa	cttgatgcta	840
catccagaaa	tattactgaa	gctagataag	tttccattaa	gagaaaatgt	atctgttaag	900
tcatcgctct	gcaagcttgg	cgttactatg	tattttttct	tcttggagtg	aaaatcctta	960
gatagtaaaa	ctgttataga	ttattgttta	aaatctgata	atctgggtatt	tattttataat	1020
tatggggctt	gtcactttag	ttaaatctat	ttgtncctct	tagtgtttgt	ttttatatag	1080
gtattttctt	ataaaaatgat	taggagggtta	tangcagttt	ctgctgctgg	tctgtcattg	1140
aatgccttgt	tttactaag	ttgggaggtt	tggtt			1175

<210> 5198

<211> 752

<212> DNA

<213> Homo sapiens

<400> 5198

gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	agaaacacag	60
aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcctcctcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcc	gttatattta	atgagcctct	180
gagcttccta	cagcgcctaa	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gatcctgtgg	aaaggatgca	gtgtgtagct	gcgtttgctg	tatctgctgt	300
tgcttctcag	tgggaacgga	ctggaaaacc	tttcaacc	ctgctgggag	agacttatga	360
attagtgcga	gatgaccttg	gatttagact	catctccgaa	caggtcagcc	atcaccacc	420
aatcagtgc	tttcatgctg	aaggattaaa	caatgacttc	atctttcatg	gctctatcta	480
tcccaaactg	aaattctggg	ggaagagtgt	agaagcagaa	cccaaaggaa	ccatcacctt	540
ggagctcctt	gaacacaatg	aggcatatac	atggacaaat	cccacctgct	gtgtgcataa	600

tatcattgtg	ggtaaactgt	ggatcgaaca	gtatggcaat	gtggaaatta	taaaccacaa	660
gactggggac	aatgtgtgt	tgaattttta	gccatgtggc	ctttttggta	aggaattaca	720
caaagttgaa	ggctacattc	aagataaaaag	ca			752

<210> 5199

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5199

aagagaagct	gagactttctg	cttccacacc	ccctgcaagt	gcttttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtca	gacccacatc	cctcccaccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccttgcccc	ttccgagtgg	ccatctatgt	300

<210> 5200

<211> 530

<212> DNA

<213> Homo sapiens

<400> 5200

ggattttctc	tccttccgcg	ctttctgcgt	gacactggct	gtcagctctg	ggctgggctt	60
tctggggggc	acacagctgc	tgaggcggcg	gggtgaggcg	gcccgaagg	accagggtg	120
ctcaggcctg	gttgtggata	gcggcctgtg	tggagaggag	ctgcttgtrg	gcagtgagga	180
ggcggacagc	atcaccttgg	gccggtatct	ccggcagctg	gcacgccatc	ggaacttct	240
gtggttcgtg	agcatggacc	tgggtgcaggt	cttscaatgs	cwctwcrmcw	gyaayyywkw	300
cmctctcttc	ctggagcatc	tgttgctcga	ccatatctcc	ctttccacgg	gctccatct	360
gttgggcctc	tcctatgtcg	ctccccatct	caacaacctc	tacttctctg	ccctgtgcgg	420
gcgctggggc	gtctacgcgg	tgggtcgggg	gctcttctctg	ctcaagctgg	gacttagcct	480
gctcatgttg	ttggccggcc	cggaccactc	agcctgctgt	gcctcttcat		530

<210> 5201

<211> 837

<212> DNA

<213> Homo sapiens

<400> 5201

atacactgca	tttgctggtg	ctgtttttat	atagtgaagc	aacagctgta	cagcaaaaata	60
ataaaatact	cacttcttcg	ttaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcagggtg	ccagcatctg	ggaagggcct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaaggg	agagctaaca	tgctcccgca	aacccttttt	ataatggcat	240
caatcaaata	tgaggccaga	gtccttggtg	ccaatcatc	tcccaraagg	ctccgcyycc	300
aaccctgttg	cattggggatt	aagttttcaa	cacatgaatt	gtggagacaa	cacattcaaa	360
acatagcatt	ccacaccttg	ggctccccag	attcatgtcc	tcacatgcaa	aataaattca	420
ttccatccca	atagccccta	aaaagtctta	acttggtcca	gcacaaactt	taaagtcaaa	480
gtccaaagtc	tcactctaaat	cagatatgag	tgagactcaa	ggcatgattc	atcatgagac	540
aaaggatgta	catttgcaat	gtttgtcatg	tcagacaaaa	caaaaatatg	taaatatcca	600
tcaataggga	actgctgaaa	aatttttttg	tataatcata	aatgaaaca	tgcagatggt	660
taaaccaatg	agctagatct	caacgtgctg	atatggaaag	tgcttcagaa	tgtattaagg	720
acataaatta	agtgtacaat	aatgtgtgtg	tgtgtatata	tgtatatgct	tacgtgtgta	780
tggaaagtat	ctcagcagat	acaataaaaa	cttaattgtg	attaaaaaaa	aaaaaaa	837

<210> 5202

<211> 589

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 5202

caagaagaaa	catggcggct	atccttctct	cacatcgaaa	aggaaatttt	gaacaatcat	60
ggaaaatcta	aaacgtgctg	tgaaaacaaa	gaagagaaat	gttgcaggaa	agattgttta	120
aaactaatga	aatacctttt	arwwcrgcws	aragaaaggt	ttaaagacaa	aaaacatctg	180
gataaattct	cttcttatca	tgtgaaaact	gccttctttc	acgtatgtac	ccagaaccct	240
caagacagtc	agtgggaccg	caaagacctg	ggcctctgct	ttgataactg	cgtgacatac	300
tttcttcagt	gcctcaggac	agaaaaactt	gagaattatt	ttattcctga	attcaatcta	360
ttctctagca	acttaattga	caaaagaagt	aaggaatttc	tgacaaagca	aattgaatat	420
gaaagaaaca	atgagtttcc	agtttttgat	gaattttgag	attgtatttt	ttagaaagat	480
ctaagaacta	gagtcaccct	aaatcctggg	agawtacaag	awaaatttgg	aaaagggggc	540
agacgctgtg	gcttcacacc	tgtagtcccc	agcttctttt	ggngggggcc		589

<210> 5203

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5203

gcatttggcc	cattggccgc	attctgctga	cccatcacct	tggtgctttt	tctgcttttt	60
ctcygtygtm	ctctgtgtgt	gttcctttgt	cctgacccct	gtcaccttgt	gggtccaaaa	120
tggttccact	agcctcatgg	agcctggcct	tacattgcag	agtccaaagc	aggagctgag	180
ggaaaatgaa	aaacaacttc	ttcatcaccc	gaagcccagc	aaacttctcc	ttaaaaatca	240
ctggtcaggg	ctgggtgcag	tggtccacac	ttgtaatgcc	agcactttgg	gaggctgaga	300
tgggcagatc	acctgaggtg	aggagttcga	gaccagcctg	gccaacatgg	tgaaacctca	360
tctctacaaa	aatgcaaaaa	ttagccgggc	ctgggtggcg	gtgcctgtaa	tcccagctac	420
tcaggaggct	gaggcaggag	aatttcatga	acctgggagg	cggagggtgc	agtgagccaa	480
gactgtgcca	ctgccttcca	gcctgggtga	cagaatgmga	ctctatcttt	araaacacaa	540
aacaagtcga	c					551

<210> 5204

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5204

gtccagaaat	actctgatac	tagctatggt	cagcaacatt	taatgaaaac	scctatgtta	60
aaaataaacc	cctgcctcct	ggcttcaagc	gattctcctg	cctcagcctc	ctgagtagct	120
gggagtatat	gcacgtacca	ccacaccag	ctaatttttt	gtattttttac	tagagatggg	180
tttcacagtg	ttagccagga	tggtttcgat	ctcctgacct	catgatccgm	ccgcctmggc	240
ctcccaragt	gctgagatta	caggcgtgag	tcactgtgcc	cggcctcaaa	atsttargaa	300
aaggttcttt	tgggtgcatg	gagttttaca	tgggaataaa	ttagt		345

<210> 5205

<211> 458

<212> DNA

<213> Homo sapiens

<400> 5205

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
------------	------------	------------	------------	------------	------------	----

gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttattttatg	120
ggatggattc	acaggacaga	ggtcaaaggt	ctatcaggag	catgagaaga	ggtgttgagg	180
tggtgacttt	aatttgatgg	atcctaaact	cttggcttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300
gtgctgtgtt	aaattcagcc	cctcttccag	ataccatttg	gctttcgggt	gtkcagatca	360
ctgtgtccac	tactatgatc	ttcgtaacac	taaacagcca	wcatgggtat	tcaaaggaca	420
ccgtwaagca	gtctcttatg	caaagttttt	gagtgggt			458

<210> 5206

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 5206

atggtgtttt	cacctggaag	ctgagaagaa	aggggcttta	atggaacaaa	tagcacatca	60
agctgttgta	atgcagttta	ttatggaaat	ggccaaaaac	tgtaatgtgg	atccaagagg	120
gtgttttcgt	ttatttttcc	agaaagccaa	agcagaggaa	gaaggttatt	ttgaagcatt	180
caaaaatgaa	cttgaagctt	tcaagtcaag	agtaagactt	tattctcaat	cacaaagttt	240
tcaacctatg	acagttcaga	atcatgttcc	ccattctggt	gttgatcta	taggtttatt	300
agaatcctta	ccacagaatc	cagattatct	tcagtattct	atcagtacag	ctctctgcag	360
cttaaaactcg	gtggtacata	aagaagatga	tgaacccaaa	atgatgggac	actgtataat	420
ttgggttaag	actgctgagg	ccaagtgcga	ttttgttaca	ggaaagggag	gaacttgggc	480
tattttcttg	gacactttta	tgggggtgct	ggcactttat	tttttgttcc	ggtttttgn	540
ggggnggg						548

<210> 5207

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(934)

<223> n = A,T,C or G

<400> 5207

aaaacataat	ttctgtttca	tggagatgaa	tacaaggctg	caagtggaac	atcctgttac	60
tgagatgatc	acaggaactg	acttggtgga	gtggcagctt	agaattgcag	caggagagaa	120
gattcctttg	agccaggaag	aaataactct	gcagggccat	gccttcgaag	ctagaatata	180
tgcagaagat	cctagcaata	acttcatgcc	tgtggcaggc	ccattagtgc	acctctctac	240
tctctgagca	gacctttcca	ccaggattga	aactggagta	cggcaaggag	acgaagtttc	300
cgtgcattat	gaccccatga	ttgcgaagtg	rntcgtgtgg	gcagcagatc	gccaggcggc	360
attgacaaaa	ctgaggtaca	gccttcgtca	gtacaatatt	gttggaactgc	mcaccaacat	420
tgactttctta	ctcaacctgt	ctggccaccc	agagtttgaa	gctkkggaacg	tgcacactga	480
tttcatccct	caacaccaca	aacagttggt	gctcagtcgg	aaggctgcag	caaagagtct	540
ttatgccagg	cagccctggg	tctcatcctc	aaggagaaaag	ccatgaccga	cactttcact	600
cttcaggcac	atgatcaatt	ctctccattt	tcgtctagca	gtggaagaag	actgaatatt	660
tcgtatacca	gaaacatgac	tcttaaagat	ggtaaaaaaca	gttttcgtct	cctcggataa	720
tcaaccattt	ccatactcat	gtaattctagg	catactctgg	agttattaca	ggtttgggttc	780
cagaccacta	caataaaaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggtcttatag	840
catgcagatt	gaagaaaact	ttccaagtcc	ttgggtaatc	tttacagccg	aggagagactg	900

cacttacctg aaatgttccg ttaatgggag ttgc

934

<210> 5208

<211> 934

<212> DNA

<213> Homo sapiens

<400> 5208

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ggctgcttct	ggtggctatg	tgaacatcat	caaaatatta	ctaaatgcag	gagctgagat	120
taactctaga	actggtagca	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tcctgttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	aacactgccc	ttacttttagc	ctgcttccaa	ggaagaactk	aagtgggttag	300
tcttctgctt	gatagaaaag	caaagtgtga	acacagagct	aagactggtc	tcacaccayt	360
aatggaggct	gcctctgggtg	gatatgcgga	ggtggccgag	ttcttttgga	taaagatgct	420
gatgttaatg	ccctccagtt	cctcctcaag	agatacagct	ttaaccatag	cagcagataa	480
gkgcattaca	aattctgtga	gcttcttatt	ggcaggggag	ctcatattga	tgtacgtaac	540
aagaagggga	acactccatt	gtggctagca	gcaaatgggtg	gacacctcga	tgtgggttcag	600
ttactgggtgc	aagcagggtgc	agatgtggat	gcagcagata	accgcaagat	aactcctctt	660
atggcagcat	ttagaaaggg	tcatgtgaag	gtgggtgcgt	acttagtcaa	agaagtcaat	720
cagtttccat	cagattctga	atgtatgaga	tacatagcaa	ccatcactga	taaggagatg	780
ctgaagaagt	gtcatctttg	tatggagtca	atagtacaag	ccaaagatag	acaggctgct	840
gaagcaaaca	aaaacgccag	cattttgtta	gaggagttag	acttggaaaa	gttaagggaa	900
gaaagtcgga	ggctggcttt	ggctgcgaaa	agag			934

<210> 5209

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5209

gcggggcacgg	cggtggctcg	gtctcccggc	tgcgcgcgga	gcgggagggc	tctcctcaca	60
caagcgcttc	cttgccgaga	ggctggagct	gcggcacccg	agggcctgagc	caccccttct	120
ctgctgtctc	cttctcttcc	tcagggctcc	cgtgtctgct	cgccctccga	cgctgctcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	ttttcttatt	caagttcaaa	240
atgggtcata	aagcagcaga	gacaactcgc	agcatcaaca	atgcatttgg	cccagaaatt	300

<210> 5210

<211> 711

<212> DNA

<213> Homo sapiens

<400> 5210

ccccctcctt	ctgtctctgg	agacccttga	gcttggggaa	atatggaggg	gtgtgtgtct	60
gcaatcaagg	cctctgcagc	tcacggctgg	ccgggtgggc	tgggacttcc	gtctgaattt	120
taaatactta	gggttcattt	ttttttctct	gggcaacaaa	gcttgatgtt	ttcactgctt	180
tagtttctctg	tttgctgggtg	ggaggggata	cggtctgtga	ctctggactt	gctctggggg	240
aacagttgtc	actgcccccg	gggagagggg	cagcttgggc	tggagaagca	cagccagaga	300
cagagccctt	cgagagggat	ccttggctgc	ttcattgtct	tccccccagc	aagccctgct	360
ctccacaggg	acctctgggg	tcttgggtatg	gtccccgctc	acctccttcc	agagtcctga	420
gtgggtgtggg	tgtgggtggc	acaggatctg	gggcatggga	ggggttcaga	gcttcccaga	480
gccccgtgtc	ctggcagact	cagctgggtg	gctgggggtg	taaccccagt	cctggcgtag	540
gtttacagac	tctcaaggta	cgttggccct	ggtctcctgg	gagagagggg	tgagggatgt	600
cccctaccaa	agcacaaggt	gggatcaggc	tgccctcctg	gttgggtgtc	gggggagctg	660
tccggcagcc	tggcagggag	atgcaagggc	taaagtaaaa	ttttgtcaag	t	711

<210> 5211
 <211> 839
 <212> DNA
 <213> Homo sapiens

<400> 5211
 tcaaggccta cgaacaggtg atgcactacc ccggctacgg ttcccccatg cctggcagct 60
 tggccatggg cccggtcacg aacaaaaacg gcctggacgc ctcgccctg gccgcagata 120
 ccttcctact accaggggtg gtactcccg ccccatTTat gaactcctct taagaagacg 180
 acggcttcag gcccggtctaa ctctggcacc ccggatcgag gayaagttag agagcaagtg 240
 ggggtcgaga ctttggggag acgggtgttg agagacgcaa gggagaagaa atccataaca 300
 cccccacccc aacaccccca agacagcagt cttccttcac ccgctgcagc ygttccgtcc 360
 caaacagagg gccacacaga taccacacgt tctatataag gaggaaaacg ggaaagaata 420
 taaagttaaa aaaaagcctc cggtttccac tactgtgtag actcctgctt cttcaagcac 480
 ctgcagattc tgattttttt gttgtgtgtg ttctcctcca ttgctgttgt tgcaggggaag 540
 tcttacttaa aaaaaaaaaa aaattttgtg agtgactcgg tgtaaaacca tgtagtttta 600
 acagaaccag aggggtgtac tattgtttta aaacaggaaa aaaaataatg taaggggtctg 660
 ttgtaaatga ccaagaaaaa gaaaaaaaaa gcattcccaa tcttgacacg gtgaaatcca 720
 ggtctcggtt ccgattaatt tatggtttct gcgtgcttta tttatggctt ataaatgtgt 780
 attctggctg caagggccag agttccacaa atctatatta aagtgttata cccgggtttt 839

<210> 5212
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (603)
 <223> n = A,T,C or G

<400> 5212
 agaaagtgtc agcacagttt gtgttgtgga tttgctactt ccatagttta cttgacatgg 60
 ttcagactga ccaatgcatt tttttcagtg acagtctgta gcagttgaag ctgtgaatgt 120
 gctaggggca agcatttgtc tttgtatgtg gtgaattttt tcagtgtaac aacattatct 180
 gaccaatagt acacacacag acacaaaagt taactggtac ttgaaacata cagtatatgt 240
 taacgaaata accaagactc gaaatgagat tattttggta cacctttctt tttagtgtct 300
 tatcagtggg ctgattcatt ttctacnttn aancagnngg ttttctgacc angaatatgg 360
 ctnggatttt ttngaaagta caaaaangcca catagttttt ccagaaaggt ttcaaaactc 420
 ccaaagatta acttccaact tataagtttg tttttatttt caatctatga cttgactggg 480
 tattaaagcc gctatttgga tagtaattaa atatgggtgg cattgatata aaccngtttg 540
 gggtcagcaa accaacctaa atggatggcn aagaccngng gtttaatttt cccgggtggg 600
 gtg 603

<210> 5213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5213
 ccaaggcgca gcccgattct gcccctacg attgggtcgg ggacttctcc tccttccgtg 60
 ccctcctaga gccggagctg cggcccagag accgtatcct tgtgctakgt tgcgggaaca 120
 gtgccctgag ctacgagctg ttctcggag gcttccctaa tgtgaccagt gtggactact 180
 catcagtcgt ggtggctgcc atgcaggctc gctatgccca tgtgcccgag ctgcgctggg 240
 agaccattga tgtgcggaag ctggacttcc ccagtgtctc ttttgatgtg gtgctcgaga 300

<210> 5214
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 5214
 gagaagctga ccttggacct gacggtgctc ctgggtgtgc tgcaggggca acagcagagc 60
 ctacagcagg gggcacactc caccggctcc agccgcctgc acgacctcta ctggcaggcc 120
 atgaaaaccc tgggagtcca gcgccccaaag ttggagaaga aggatgcca ggagatcccc 180
 agtgccaccc agagcccat cagtaagaag cggaagaaaa agggattctt gccagagacg 240
 aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca 300
 gccaccggcg ggagccagcc ccncagcatg ggcaggaaga agaggaacag gacaaaggct 360
 aaggtccag cccaggcaaa cgggacgcca accaccaaga gtccagcccc tggcgccccc 420
 acccgagacc ccagcacccc tgccaaatcc caaaaactgc agaagaaaaa ccagaagccg 480
 tcccaggtga at 492

<210> 5215
 <211> 1011
 <212> DNA
 <213> Homo sapiens

<400> 5215
 gcaaggcgcc gggggacacg ttggctgcgt ttccggcgga ctggccgggt acaaaaatgg 60
 ctgtggctag cgatttctac ctgcgctact acgtagggca caagggcaag tttgggcacg 120
 agtttctgga gttcgaattt cgcccggaag gaaagcttag atatgccaac aacagcaatt 180
 acaaaaatga tgtgatgatc agaaaagagg cttatgtgca caagagtgt atggaagaac 240
 tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc 300
 ctgatagggg tggccgacag agcttgaaat tgtaattgga gatgagcaca tatcttttac 360
 cacatcaaaa atagggttctc ttattgatgt aaatcagtca aaggatcctg aaggccttcg 420
 agtattttac tatttggtag aagacttgaa atgttttagt ttcagtctta ttggattaca 480
 cttcaagatt aaaccaattt aaattgtatg ttttcaggct gtttgtatat ttaattaagg 540
 gatgggaggg gttattttgtc atttacagta ttggggtttt tatgaatgtg aagcaaacia 600
 aaaaaatttg tatgtaaact gaaaataaga aaatacatta gcaagcttaa tgggtatcct 660
 tacttgagtc cacatgggtt ggacagtcac cacacacatt aaattctgta aatgaaagcc 720
 accttttgg taaaatttgc tctaataaaa cataccacaa cctggttgca gagtagtttt 780
 ttgttttttc caggaggcta tgtctctaatt tcaactttaga gataataaga aattgttctg 840
 gtagatatat cctgtgacag aagatacttt aggtggaact atgtagccag attcccatcc 900
 atgaaaggca agtgtagatt gtcccttatt tccctcatac atgattggat ttaattttgg 960
 ggggcttata caagggtctag ttttttttta cagttatgac aaaccctca g 1011

<210> 5216
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5216
 gcaacgtgtg cggctcgggcg attccggagc ccctgcgtgg aggaactgct gggcgggagg 60
 agacgcggcg ggctcgggcg atggctgacc gcacacgttg ccaccctgag gtctttcttg 120
 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180
 ataatggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240
 ataataggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagttg 300

<210> 5217
 <211> 1544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1544)
 <223> n = A,T,C or G

<400> 5217

cgggactggt	accaccgcat	cgacccccacc	gtgctgctgg	gcgcgctgcg	cgttgcgagg	60
cttgacgcgc	cagctggtac	aggacgagaa	cgtgcgcggg	gtgatcacca	tgaacgagga	120
gtacgagacg	aggttcctgt	gcaactcttc	acaggagtg	aagagactag	gagtcgagca	180
gckgcrscgw	srgcacagta	gacatgactg	ggatccccac	cttggacaac	ctccagaagg	240
gagtccaatt	tgctctcaag	taccagtcgc	tgggccaagt	tgtttacgtg	cattgtaagg	300
ctgggcgctc	caggagtncc	actatgggtg	cagcatacct	gattcagggt	cacaaatgga	360
gtccagagga	ggctgtaaga	gccatcgcca	agatccgggt	atacatccac	atcaggcctg	420
gccagctgga	tgttcttaaa	gagttccaca	agcagattac	tgcacgggca	acaaaggatg	480
ggacttttgt	catttcaaa	acatgatgta	tggggattag	aaagaactca	agacactcct	540
gcttgataca	gaacaaaaag	agcttaacag	gaccaacang	gcttaagccc	agacttgacg	600
taacagaaat	gtgccaatag	gtaataggta	atttttcttt	ctctgacttg	ttttgttttc	660
ttgaaataac	actgttgtgt	ggctagaaag	gaaaagattt	agtgtggctt	gtattcaygg	720
gatacaggac	agggatgggg	ctatcatctt	ttcttgaata	gggctaaaga	agtattttta	780
caaaaatcta	ttatgtacct	aatattgtgc	ctaataatat	ttagcaccac	aactcaaaaa	840
acatttagca	cttgaaaaaa	ggagactcac	ctctggctct	ttgccactgt	cagaatctga	900
atctcactgg	ccctgtggag	tagggatcct	atctggagaa	gtgggagcat	gggctgcagt	960
caggactgct	gcagactgag	ccatgtgatg	gtacgtaatg	agttcccctg	agggaaatgaa	1020
acacccccct	cacccttca	aagtcacccc	tttggaatte	aacacagaca	cacatatccc	1080
ttcaaaaact	tttatttgta	tcaacagttc	ctagctcttg	acttagctta	gagcttttaa	1140
aagagcagac	accttatata	tttgagattg	aaaaagtttc	tgctattaat	cagaaataat	1200
catttctatt	ttctggctta	ccccttggaa	taagccaaaa	ataaaaccaa	agttacattt	1260
cctgacagat	ggctaagaaa	acaatagaag	gaacatcctg	aattctagag	ttgactcttg	1320
ctgggtgaagt	acaccttcag	gcttaggtcc	attctcctaa	gtaaagcctg	aaggaaaact	1380
cttaacacct	aattctttgt	gggaaaaatg	atcaactagg	ccatttcaca	ggctwtagaa	1440
cmaaagtacm	attgggcatc	tttccytatg	tcckgggatc	aggggwgctt	acatttaaca	1500
ttgatcagggt	aaagaggaga	ggctgtgcta	aggtctgaga	aaag		1544

<210> 5218
 <211> 948
 <212> DNA
 <213> Homo sapiens

<400> 5218

ggctagcgat	ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	60
tctggagttc	gaatttcggc	cggacggaaa	gcttagatat	gccaacaaca	gcaattacaa	120
aaatgatgtg	atgatcagaa	aagaggctta	tgtgcacaag	agtgtaatgg	aagaactgaa	180
gagaattatt	gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctccccctga	240
tagggttggc	cgacaggagc	ttgaaattgt	aattggagat	gagcacatat	cttttaccac	300
atcaaaaata	ggttctctta	ttgatgtaaa	tcagtcaaag	gatcctgaag	gccttcagag	360
attttactat	ttgggtacaag	acttgaaatg	tttagttttc	agtccttattg	gattacactt	420
caagattaaa	ccaatttaaa	ttgtatgttt	tcaggctggt	tgtatatatta	attaagggat	480
gggaggggtt	atttgtcatt	tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	540
aaatttgat	gtaaactgaa	aataagaaaa	tacattagca	agcttaatgg	ttatccttac	600
ttgagtccac	atgggttgga	cagtcccccac	acacattaaa	ttctgtaaat	gaaagccacc	660
ttttgttaaa	aatttgctct	aataaaaacat	accaaactct	ggttgcagag	tagttttttg	720

ttttttccag	gaggctatgt	ctctaattca	cttttagagat	aataagaaat	tgttctggta	780
gatatatcct	gtgacagaag	atacttttagg	tggaactatg	tagccagatt	cccatccatg	840
aaaggcaagt	gtagattgtc	ccttatttcc	ttcatacatg	attggattta	attttggggg	900
gcttatacaa	ggtctagttt	ttttttacag	ttatgacaaa	ccctcag		948

<210> 5219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5219

gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatag	120
gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	accaggaggt	240
ttgaggttac	agcgagctgt	gatagcacca	ctgcactcca	gcctggggcca	cagagcaaga	300

<210> 5220

<211> 1043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1043)

<223> n = A,T,C or G

<400> 5220

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
gtccccaccc	ccacatcctt	cctcggtcaa	gtcgctgcgc	tccgagcgtc	tgatccgtac	120
ctcgctggac	ctggagttag	ascwssaggc	gacaagaacc	tggcacagcc	aattgaccca	180
ggagatctcg	gtgctgaakg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
gaaggagctg	ccacagtggg	tgcgtgagga	ckagcgtttc	cgcctgctgc	tgaggatgct	300
ggagaagcgg	cagatggacc	gagcggacac	aagggtgagc	ttcagacaga	caagatgatg	360
agggcagctg	ccaaggatgt	gcacaggctc	cgaggccaga	gctgtaagga	acccccagaa	420
gttcagtctt	tcagggagaa	gatggcattt	ttcaccgcgc	ctcggatgaa	tatcccagct	480
ctctctgcag	atgacgtcta	atcgccagaa	aagtatttcc	tttkttccay	tgaccaggct	540
gtgaacattg	actgtggcta	aagttattta	tgtggtgtta	tatgaaggta	ctgagtcaca	600
agtccctctag	tgtctctgtt	ggtttgaaga	tgaaccgact	ttttagtttg	ggctcctactg	660
ttgttattaa	aaaacagaaca	aaaacaaaaac	acacacacac	acaaaaaacag	aaacaaaaaaa	720
aaccagcatt	aaaataataa	gattgtatag	tttgtatatt	taggagtgtg	tttttgggaa	780
agaaaattta	aatgaactaa	agcagtattg	agttgctgct	cttcttaaaa	tcgttttagat	840
tttytsgtt	gtacagctcc	acctttttaga	ggctcttactg	caataagaag	taatgcctgg	900
gggacggtaa	tcctaataagg	acgtcccgc	cttgtcacag	tacagcta	ttttcctagt	960
taacaatttg	tcataattamm	mmntgcacag	ammaccattg	ggggggattc	agaggtgcat	1020
ccaccccggn	tcttcttgag	ctg				1043

<210> 5221

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 5221

atcgattaac	acttctaata	agtcaagtc	taggggtttt	tgggtttt	ttgttgccaa	60
cgaggaacac	agctctgggg	gaatggtgtc	atccwcstgc	gytttaaaaa	taagcacatg	120
atggctgggc	accgtggctc	acgcctgtaa	tcccagcact	ttgggaggct	gaggcgggtg	180
gwtcacctga	ggtcgggagt	ttgagaccag	cctggccaac	atggtgaaac	cccatcgcta	240
ctaaaawtat	aaaaaattag	ctgggcatgg	tggcgcacgy	ctgtagtcc	agctactcag	300
gaggctgagg	caggagaatc	gcttgaaccc	gggaggtgga	ggttgcagtg	agctgagatc	360
gcaccattgc	actccacact	gggcaacaaa	gagtgaact	tggctcaga	aacgaaacaa	420
aacacaaaaa	cctttctcag	tcccagcata	tgtggagcag	cctcattctt	catagctgtg	480
tgtcattccg	ttgcgtgatg	gggtcacaga	gcacagacct	ggtgcccttt	tcctttttaa	540
tatgtggaaa	ccctcccatg	ccttccaaag	cctacaagta	cagcagcccc	aagtttaggg	600
tgagcagcag	tggtcagagc	tctttactat	tacttttggg	caaacgcaag	ccaggctggc	660
aaccaccact	gccgccgagg	ggagatacaa	gcaggccagt	ttcacactyt	gggackttta	720
gtttctttct	tacatctaga	aggtgggcct	ctkgttattc	cantttaaag	gcagcccaag	780
ggaantgttc	agnaaa					796

<210> 5222

<211> 328

<212> DNA

<213> Homo sapiens

<400> 5222

ataaggcagt	ctctcaaaag	tcatactgcc	agagtctcta	gggcaaggag	aaacaactag	60
ctggacaata	ctcaattcac	aacttagcat	tttgccatct	gaagcttggc	aaactagtat	120
ctgctgtaaa	acaacctata	tggtatgtga	accgtagtat	tcctgagcaa	aacgtggctt	180
tcacgcgttt	gtaaaaattt	gcacatgttt	agaaactagc	ctataaaata	tcaccattgg	240
atgtagatat	ggagagaaaa	gaaatatgtt	gggtttattg	cttagcgaaa	tattctcttt	300
ttattttaa	aaaatgttct	tcattgtg				328

<210> 5223

<211> 302

<212> DNA

<213> Homo sapiens

<400> 5223

ggaagagctc	gtcttgagtg	ccaagctttt	gccacttcaa	ttgcaccagc	tccaggaacc	60
atacaaccat	cttcaatkgc	atTTTTgata	gcacgaagtc	catctcttat	ggcatccttg	120
acttgtgtga	gagtcatgct	ttatttggtc	ctttaaccaa	caaggttaaca	gagcaagggt	180
taacacactc	ctcaataaaa	gtgaactttt	cttcacctaa	tgtatactca	tacacaagac	240
cagcatgtcc	caagcaatct	acagtggagt	cttcaaaaga	attcacggcc	attccaccac	300
aa						302

<210> 5224

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5224

gcagtacgtg	tgccgtgagg	ctcatagttg	atgagggact	ttccctgctc	caccgtcact	60
cccccaactc	tgccgcctc	tgtccccgcc	tcagtccccg	cctccatccc	cgcctctgtc	120
ccctggcctt	ggcggtat	tttgccacct	gccttgggtg	cccaggagtc	ccctactgct	180
gtgggctggg	gttgggggca	cagcagcccc	aagcctgaga	ggctggagcc	catggctagt	240
ggetcatccc	castgcattc	tccccctgac	acagagaagg	ggccttggtg	tttatattta	300
agaaatgaag	ataatattaa	taatgatgga	aggaagactg	ggttgcaggg	actgtggtct	360
ctccyggggc	ccgggaccgc	cctgggtctt	cagccatgct	gatgaccaca	ccccgtccag	420
gccagacacc	acccccacc	ccactgtcgt	ggtggcccca	gatctctgta	attttatgta	480

gagtttgagc tgaagccccg tatattttaat ttattttgtt aaacatgaaa gtgcacacctt 540
tccctccaaa a 551

<210> 5225

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5225

gctctgtgac acccttttttg tgatcttcag tgctgttttt atggttacac gactaggaat 60
ctatccattc tggattctga acacgacct ctttgagagt tgggagataa tggggcctta 120
tgcttcatgg tggctcctca atggcctgct gctgacctta cagcttctgc atgtcatctg 180
gtcctacctt attgcacgga ttgctttgaa agccttgatc aggggaaagg tgacctgtcc 240
aggaaggatk agwcscwgr mtgtssactc tttsmkcasc tcmkwsswwk wwkmtrtgmc 300
cgcgggasct gsacarwwws atctcttgca tgtatcgaag gatgatcgca gtgatgtgga 360
gagcagctca gaggaagaag atgtgaccac ctgcacaaaa agtccctgtg acagtagctc 420
cagcaatggg gccaatcggg tgaatgggtc catgggaggc agtactggg ctgaagagta 480
aggtggttgc tatagggact tcagcacaca tggactttgt agggccactg gcaaacaata 540
ctcctcttgg gccct 555

<210> 5226

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (498)

<223> n = A,T,C or G

<400> 5226

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taacagtgtt aggtgaacag ttgtccagtc tctgtttttg tcggacactg tttctagcac 120
cttccaggca gaatctcatg tacccttcac tttcgaawts ggwacgagka tttcatcccc 180
acttttatca atgagaaact aaagctcgaa gaggtcaagt aagttcctgg ccaaggctcag 240
ctagcaggct ctagaggcct cgttctcctt agaggcaagc cttgccaggg cccaggcttg 300
gcaggctgca gggcagggtg gggcatgcca tggtagaggt gggaccattg aggtcagag 360
agggtaagtg atganccttg gnacacagcg gggtaggtcc agagtccggc ctgcactctc 420
tggagctggc cagtggacag gcctttcccg ttcacaagcc cggggctgct gttcccacca 480
aggggggaat gttgccta 498

<210> 5227

<211> 537

<212> DNA

<213> Homo sapiens

<400> 5227

ggatgggtgc cctggagcca ggcaaggcag gaggccccag aaacttggtg ggggagataa 60
cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgk grccsagtgg 120
asgakkyyccr staysasmkg gcgtmtgaga ckgaacatt aattctgaag aagaagaaac 180
tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240
atgcttctgt cgttagccgg gtgcagtgtt gtgtgtatct agttccagct acttgagagg 300
ctgaggcagg aggattgctt gagtccagaa agtggcagtt gcagtgaagt gagatcggtg 360
cactgctcwc cagcctgggt ggcagarcga gacctgtct caaaaaaata acaaaaacaa 420
aatgcttctg tcagttaaca atctttatta gagggttttt agtctttctt tctcagctgt 480
atgttaagtt ggttgacaaa tgcaataaaa cgtctttatt atcctttctt tctgaaa 537

<210> 5228
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5228
 ggggcctgag gtgccagggt tcacagacag ggtttccac cagccacacg caccagctct 60
 atttggggga agtgtagtga ggaggagccc agaggacccc aggggagtga ggaggagaa 120
 cttggaagg tgcagcccac ttcagactc tcccctctcc cacccttcta ccctgtgaag 180
 ggaaatgagg gctttagttt cctgggcagg gaggggcagg ttctgagggt gccaaaggcc 240
 cccactggat ggaacctgtt agctgctcct ctccgcagcc agaaatgctg ccggctgcac 300
 ccagaggagc agtgaggcag gacagatgga caggttcctc ctgcgctgta attccctgct 360
 ccctggagac tgggaaaagg ccgcagnacg ggggactggg cgggtggtggc tgggtggttta 420
 aaggttgaac tttctctgaa gctcctttcc cctttgctct tggteccctgc ccngcaang 480
 caaacctgcc ccctctgcct cccagtgcac ccaatgacct cccttcccct tggggcgagc 540
 ttcttgattg aagcacaact cccccgcaag gancccaag cccacaaggg ttggccataa 600
 tttggggcag tttccaagtc ctgtnggctt cggctaatch tggggganga agatttttng 660
 ggtcttgat ttccttggg aaattgggtc cttgggcttg gaatnttttc cctaaggggg 720
 ccctcttant tcctt 735

<210> 5229
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 5229
 ggctgcctgg ggaaggagaa atctgagcca agacctgaca aatgaatagg agtaagctaa 60
 ggaaagtgc tggggtgagt gagttccaaa tggagggaac tgcattgtgca gaggcctgga 120
 ggtgagggga acctgggcac attccaggag ctgaagggtt tgttggtggt ggaacataaa 180
 gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcrctctg ggaggygag 240
 gtgggcagat cacctgaggt caggagttca agaccagcct ggtcaacgtg gtgaaaccct 300
 gtctctactn aaaatac 317

<210> 5230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5230
 ggccactccg cctcttccct cccttcgtcc cttcttctc tccctttttt ccttcttct 60
 tcccctcctc gccgccaccg cccaggaccg ccggccgggg gacgagctcg gagcagcagc 120
 caggtagaac tttagacttc atagcactga attaacctgc actgaaagct gtttacctgc 180
 atttgttcac tttgttgaa agtgaccatg tctcaagttc aagtgaagc tcagaacca 240
 tctgctgctc tctcaggag ccaaatactg aacaagaacc agtctcttct ctcacagcct 300

<210> 5231

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5231
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60
 ctgttatgtt gcctgagga gaggatctca atgaatggat tgctgtgaac actgtggatt 120
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180
 gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggg actaatatta 240
 aaaagccaat caaatgttct gcacccaaat acattgacta tttgatgact tgggttcaag 300

<210> 5232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5232
 ccggcggctc tggctgcccg gcggttgaga gcatggcctc tccaggggca ggtagggcgc 60
 ctccggagtt accggagcgg aactgcgggt accgcgaagt cgagtactgg gatcagcgct 120
 accaaggcgc agccgattct gccccctacg attggttcgg ggacttctcc tccttccgtg 180
 cctcctaga gccggagctg cggcccaggg accgtatcct tgtgctakgt tgcgggaaca 240
 gtgccctgag ctacgagctg ttctctggag gcttccctaa tgtgaccagt gtggactact 300

<210> 5233
 <211> 564
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (564)
 <223> n = A,T,C or G

<400> 5233
 gcagcagctc ccaggatgaa ctggttgacg tggctgctgc tgetgcgggg gcgctgagag 60
 gacacgagct ctatgccttt ccggtctgct atccccctcg gcctcctgtg ygcgctgctg 120
 cctcagcacc atggtgcgcc aggtcccgac ggctccgcgc cagatcccgcc cactacagg 180
 gagcgagtca aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcccttccc 240
 ttcgatgagc tgcgacctct cacctgtgac gggcacgaca cctggggcag tttttctctg 300
 actctaattg atgcactgga caccttgctg attttggga atgtctcaga attccaaaga 360
 gtggttgaag tgctccaggg acagcgtggg actttgatat tgatgtgaac gcctctgtgt 420
 ttgaaacaaa cattcgagtg gtagggagga ctccctgtctt gtccatctgc ttttccaaga 480
 aggctggggg gggaagtaga ggctggatgg gcctgtttcc ggggcttttc cttgagaatt 540
 ggctnaggan ggcggcccga aaat 564

<210> 5234
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (596)
 <223> n = A,T,C or G

<400> 5234

actcaaagac	acgtacatgt	tgtccagcac	cgtctcctcc	aaaatcttgc	gggccattgc	60
cttaaaggaa	ggttttcatt	ttgaggaaac	attaactggc	tttaagtgga	tgggaaacag	120
agccaaacag	ctaatagacc	aggggaaaac	tgttttat	gcatttgaag	aagctattgg	180
atacatgtgc	tgcccttttg	ttctggacaa	agatggagtc	agtgccgctg	tcataagtgc	240
agagttggct	agcttcctag	caaccaagaa	tttgtctttg	tctcagcaac	taaaggccat	300
ttatgtggag	tatggctacc	atattactaa	agcttcctat	tttatctgcc	atgatcaaga	360
aaccattaag	aaattatttg	aaaacctcag	aaactacgat	ggaaaaaata	attatccaaa	420
agcttgtggc	aaatttgaaa	tttctgccat	tagggacctt	acaactggct	atgatgatag	480
ccaacctgat	aaaaaaagct	gttctttccc	acttagttaa	aaggcaggcc	aaatggattc	540
accttcacct	ttggctaata	ggagggcgctg	ggcaccttgc	ggcaccagtg	gggacn	596

<210> 5235

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5235

gcttcgtgtg	ctactgcgaa	ggggaggaaa	gcggggaggg	ggaccgcggc	ggcttcaacc	60
tctacgtgac	cgacgccgcg	gagctttgga	gcacctgctt	cacgccggac	agcctggcgg	120
ccctcgtggg	taactgggcg	ggtctgggag	ccgccacacc	cctccttgca	gtgcagatcg	180
tctatggggc	gacagacatc	tgggattccc	cagaaggctc	tgacaccctc	tgcccgcctt	240
gtagctgtag	tcctcccat	ggctagggct	cctggggctg	ggcagggttt	gggtgcccc	300
agtggcctcg	ggttccaggc	agctcgtgac	aagccctgt	gctctctaga	aagcccgttt	360
tggcctgagt	gcggctgagg	acatcacccc	ccggttcagg	gcagcctgtg	agcagcaagc	420
tgtggctctg	actctgcagg	aggacagagc	atccctgacg	ctttcagggg	ggccctcgga	480
ctggcctttg	acctctccaa	ggtaccaggc	ccagaggcag	cccccaggct	gtgggcgctg	540
acactggggc	tggcaaaacg	cgtgtggagc	ctggagcgkc	gactkgcagc	tgagaagag	600
acagctgtca	gcccagaggaa	gagcccccg	cctgcagggc	ttcagctctt	cttaccagac	660
ccagatcccc	agagaggttg	ccctggacct	nggagtcagg	atgnccggtt	ccaggagaat	720
tcgttcacn	aa					732

<210> 5236

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 5236

ctgaaacagg	gtcgggatgc	cgatgccggc	ttggagttag	agrkkmgwca	ccgctgagag	60
cagctgcagt	agctgagyag	tggcagcaga	gaggcagacg	tgagctgagg	gcgcagaggc	120
aggcagcatc	tctgagggtc	cccaaggagc	atggctggga	gccgtgaggt	ggtggccatg	180
gactgcgaga	tggtagggct	ggggcccacn	gggnagagtg	gcctggctcg	ttgcagcctc	240
gtgaacgtcc	acggtgctgt	gctgtacgac	aagttcatcc	ggcctgaggg	agagatcacc	300
gattacagaa	cccgggtcag	cggggtcacc	cctcagcaca	tggtaggggg	cacaccattt	360
gccgtggcca	ggctagagat	cctgcagctc	ctgaaaggca	agctgggtgg	gggtcatgac	420
ctgaagcacg	acttccaggc	actgaaagag	gacatgagcg	gctacacaat	ctacgacacg	480
tccactgaca	ggctgtttgtg	gcgtgaggcc	aagctggacc	actgcaggcg	tgtctcctgc	540

gggtgctgag	tgagcgccctc	ctgcacaaga	gcatccagaa	cagcctgctt	ggacacagct	600
cggtggaaga	tgcgaggggca	acgatggagc	tctatcaa	atcccagaga	atccgagccc	660
gccgagggct	gccccgcctg	gctgtgtcag	actgaagccc	catccagccc	gttccgcagg	720
gactagaggc	tttcggcttt	ttgggacagc	aactaccttg	cttttggaaa	atacattttt	780
aatagtaaag	tggtctctata	ttttctctac	gccaaa			816

<210> 5237

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 5237

agacagagta	ctgattggag	gggatgaaac	tccagagggc	cagagagctg	tgcaggccct	60
gtgtgctgta	tatgagcact	gggttccag	agaaaagatc	ctcaccacta	atacttggtc	120
ttcagagctt	tccaaactgg	cagcaa	atgc	ttttcttgcc	cagagaataa	180
ctccataagt	gctctgtgtg	aagcaacagg	agctgatgta	gaagaggtag	caacagcgat	240
tggaatggac	cagagaattg	gaaacaagtt	tctaaaagcc	agtgttgggt	ttggtgggag	300
ctgyttccaa	aaggatgttc	tgaatttgg	ttatctctgt	gaggctctga	atttgccaga	360
agtagctcgt	tattggcagc	aggtcataga	catgaatgac	taccagagga	ggaggtttgc	420
ttcccggatc	atagatagtc	tgtttaatac	agtaactgat	aagaagatag	ctattktggg	480
atttgcattc	aaaaaggaca	ctggtgatac	aagagaatct	tctagtatat	atattagcaa	540
atatttgatg	gatgaagggtg	cacatctaca	tatatatgat	ccaaaagtac	ctaggggaac	600
aaatagtgtg	gggatctttc	tcatccaggg	tgtttcagag	ggatgaccaa	gtgtccccgg	660
cttcgtgacc	atttccaagg	atccatattg	aaggcatgtg	atgggtgccc	catgctgttg	720
tttatatttgc	actgagtggg	gacatgtttt	aaggggattt	gggattattg	gaccgcattc	780
cattaaaaaa	atggcttaag	nccagccctt	tatnctt			817

<210> 5238

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 5238

gtgcaccgga	gggtgaagac	agccctcgcg	akgamkgwgg	aggcctggkg	agcaggcctg	60
accctgtgry	rswrcwksag	gctgcggtga	agcggggccga	ccacctggag	gagctgctgg	120
agcarmmcag	gaggccccacg	mcaagtacca	agtgaccagg	gatgccggga	acactgtcga	180
agaacggaag	gcagaggaca	gaggctggac	gttggcccag	agcagagaga	cgncacactg	240
ccccccacag	aggctggtgg	ttnagatgcc	cacggttaag	cacctgtggc	ttgcattttt	300
aaacagttaa	aaggaggccg	ttgttttcag	cgccttt			337

<210> 5239

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 5239
 gacttctgaa gaacatgaag caagcagaag ggtgaaagcg gagctgctgg ttcagatgga 60
 tgggtgttga ggtacttctg aaaatgatga cccttccaaa atgggttatgg ttctggcagc 120
 tactaatttt ccctgggata tagatgagggc ttaagacga cgccttgaga aacgaatcta 180
 tattcctttg ccgtcagcaa aaggcagggg ggagctatta cgaataagtc tacgtgagtt 240
 ggaattggct gatgatgttg accttgcaag tatagcagaa aacatggaag gttattcagg 300
 tgcggacatt accaacgtgt gcagggatgc gtcccttgatg gcaatgagaa ggcgcattga 360
 aggtttgact ccagaggaaa tccgaaatct tccaaaagaa gaaatgcaca tgcctacaac 420
 tatgggagga tttcgagatg gctttaaaaa aggtttctaa gtncagtgtt cttgctggca 480
 gacatttgaa aggttacggg gaatgggtat tttgagtttg ggccentgct aaatttntca 540
 cctgtaaact gttgaggaat gtgccttaag 570

<210> 5240
 <211> 907
 <212> DNA
 <213> Homo sapiens

<400> 5240
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 cgtttgctca aacatgagtg ggtatttttt tgtttggttt tttgtgtgtt gttgtttttg 120
 aggcgcgtct caccctgttg ccagggctgg agtgcaatgg cgcgttctct gctcactaca 180
 gcacccgctt ccaggttgga agtgattctc ttgcctcagc ctcccagta gctgggatta 240
 caggtgcccc caccgcgcc cagctaattt ttaatttttt agtrgagaca gggttttacc 300
 atgttgscga ggctggyctt gaactcctga ccctcaagtg atctgccac cttggcctcc 360
 ctaagtgtct ggattatags cgtgagccac catgctcagc cattaaggta tttgtttaag 420
 aactttaagt ttagggtaag aagaatgaaa atgatccaga aaaatgcaag caagtcaca 480
 tggagatttg gaggacactg gttaaagaat ttatttcttt gtatagtata ctatgttcat 540
 ggtgcagata ctacaacatt gtggcatttt agactcgttg agtttcttgg gcactcccaa 600
 gggcggttgg gtcataagga gactataact ctacagattg tgaatatatt tattttcaag 660
 ttgcattctt tgtcttttta agcaatcaga tttcaagaga gctcaagctt tcagaagtca 720
 atgtgaaaat tccttcctag gctgtcccac agtctttgct gcccttagat gaagccactt 780
 gtttcaagat gactactttg ggggttgggtt ttcattctaaa cacatttttc cagtcttatt 840
 agataaatta gtccatatgg ttggttaatc aagagccttc tgggtttggt ttggtggcat 900
 taaatgg 907

<210> 5241
 <211> 1184
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1184)
 <223> n = A,T,C or G

<400> 5241
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 ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 120
 tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 180
 ccacagatgg catgatccga aaacactctc atgtcaagat agggcgttac catcagcatt 240
 tacaagagca gctggactta gatstmtcrc ctttgagta catgatgaag tgctaccag 300
 agataaagga gaaggaagaa atgaggaaga tcattgggagc atacggtctn actgggaaac 360

aacaggtgag	cccaatccgg	aacttgtcag	acgggcagaa	gtgccgagtg	tgtctggcct	420
ggctggctgg	cagaaccccc	acatgctctt	cctggatgaa	cccaccaatc	acctggatat	480
cgagaccatc	gacgcccttg	cagatgccat	caatgagttt	gagggtggta	tgatgctggg	540
cagccatgac	ttcagactca	ttcagcagg	tgcacaggaa	atttgggtct	gtgagaagca	600
gacaatcacc	aagtggcctg	ggagacatcc	tggcttacia	ggagcacctc	aagtccaagc	660
tggtggattg	aggagcccca	gctcaccaag	agkaccacac	acgtgtgagc	cytytacctg	720
ggttcgggtc	aggagctcca	tcttggaac	taacagctgc	taacctgacc	agccgctcag	780
gacaggacc	tggggctaca	ctcctgcatt	gctgcaatac	tgctccccca	gcctctcccc	840
tgccccctaa	cctgccttag	ctgcactctc	ttacctacag	ctggacagta	cctgtctggt	900
tcctgtcctc	cttccagtta	catctgtcca	tgtctggact	cggctggccg	ttccctccag	960
ccccttgctg	ttatcttaca	tctgagtgtg	atgcagtacg	aggcacctgc	gggttagccc	1020
agggggggccc	aactgatttg	gcctgaggag	gagcttagga	tcctcgtttt	ctgggttttg	1080
gtgatgttgg	aggagtaccc	cccagccccc	cgcctcgatt	cctttttgct	tctgggttgg	1140
agctccggac	caggaccttc	gtcctggtna	gtttttaaat	aatt		1184

<210> 5242

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 5242

gtaaaccttc	cccagtccta	tcagagcaaa	ctttctgggg	ttgcatcccc	tcagaaaccc	60
atttggggcc	caatctcaat	gcacatatca	gtgcgcaaag	cactaaaatt	ccaggcaaca	120
ctttgtattg	agagaagcca	aaatcttggt	cmgsccttg	gacatctaaa	gtcaccaatg	180
taactacacc	atacagatta	aaccctcaca	tgatcatgta	agctatgcag	ttacccaagc	240
tgcattcatt	agaaaacctg	tacagttttt	atggaaacca	tccttagtca	aggacacttt	300
aaatatatag	tctaaatacc	gttaaggtag	gcccactagc	tgtgttcaca	ttttcccttg	360
gncaccttac	caggggactt	tta				383

<210> 5243

<211> 1278

<212> DNA

<213> Homo sapiens

<400> 5243

cacctgtgct	tgcagccagg	tcaggcccag	ctgcagccca	ggcaggagca	gtcgcccttc	60
ccaccacacg	cgctggccac	agggctocct	gcagggtcag	ggaccagacc	acgccagag	120
gaggggaggc	actggccccc	gccacaggac	tggagacgca	agaacaaaaa	gaaccaagta	180
gagagagtgg	agctgcttta	ttgcccttgg	agcccgcgct	ctcgagggct	gtcttctgtc	240
gccaagggtc	ccggaccgag	tacacagtgg	cagctggctt	agttgggtgga	cggcytgss	300
cactcgacgt	tgaggatgag	gtggtcgtag	ccaaagccgg	acaccccggc	aatggcacgc	360
gcagsatcct	cgcgggcggg	gaagctgatg	aaggcraagc	ccttggattg	gccagtggtc	420
ttgtccttag	ccaggtagat	gcgggagatg	gagccgaaag	gcsggaagag	ctcctgcagg	480
tcgggtctcac	gcgtgtcctc	tgacaagtgg	gtgacacgga	tggtggcggt	gtcgtcggtc	540
ctgcgggttg	gctgcatgga	ctcccccgcg	cggctggccc	cgtecgcmag	gctcggcggm	600
acatacttcc	ctgtcttgtt	ctgcgtggcc	tgcacgggct	ctagctctcc	cggcagcttc	660
tccttctcgc	cagtaracag	gcccagctgc	tcggccagct	ccttctgcat	gggccccagc	720
gtatccttgt	aggggcagcg	ggtgggtccag	tggtcgccct	tgcagatgcg	gcaggacacg	780
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ttgctgggtga	tgaacgtcat	agagacatcg	tactgacag	tggtgggtgg	cacattgggt	900
ccgggggggt	caaactctga	gttccccgaac	ttcttccagt	tcttctcctc	tgcgacagcc	960

tttgaagcct	tccgggtctc	aatcctgaag	gtgcggaaca	tcttgaactt	cttgccatcc	1020
tcatTTTTCTA	tcttTgaactc	tgtcactgtc	tttatgtttc	cgttgatgac	ctccttgagg	1080
ggcggcagt	gagctcccg	cagtagctct	ggctctgggc	tgggtgcacc	tgtggccaga	1140
gggatccct	tgaggagctc	gctgggtgaca	catttgctgt	cctccccctc	ctcctccacc	1200
tggtcggccc	aactgggctt	cgaatyaaag	tctccagtag	gcacgcgcaa	aagtattctc	1260
cacgcagccc	aagcccg					1278

<210> 5244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5244

ttgagacgga	gtttcaccat	gttggccagg	atggtcttca	acttctaact	tcgtgatcca	60
cgctgctggg	attacaggtg	tgagccaccg	cgtgtggcct	ctgggcacct	tttgaagctg	120
aagcagagag	agaaggcggc	aggcatcagc	gttttcttct	atgaacttat	aagatcaaag	180
actttaagac	tttactatt	tcttctaccg	ctatctacta	cgaacttcaa	agaggaacca	240
ggagtacgga	aggagcatga	aagtggacaa	ggaacgtgac	cattgaagca	ccacagggag	300

<210> 5245

<211> 496

<212> DNA

<213> Homo sapiens

<400> 5245

attctctctc	cataccaccc	cccaaaaatt	ttcgccgctc	caacacttca	acactatTTT	60
gktttatttg	tcttattaat	atmagaaggc	aggaatgtca	ggcctctgag	cccaggccag	120
gccatcgcat	cccctgtgac	ttgcacgtat	acatccagat	ggcctgaagt	aactgaagat	180
ccacaaaaga	agtaaaaaca	gccttaactg	atgacattcc	amcattgtga	tttgttcttg	240
ccccacccta	actgatmaat	gtactttgta	atctccccca	cccttaagaa	ggttctttgt	300
aattctcccc	acccttgaga	gtgtactttg	tgagatccac	acctgcccac	cagagaacaa	360
accccytttg	actgtaattt	tccattacct	tccctaattc	tataaaacgg	ccccacccca	420
tctccctttg	ctgactctct	tttcggactc	agcccgctcg	caccacaggtg	aaataaacag	480
ccttgttgct	cacaca					496

<210> 5246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5246

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ggacgaggtg	ccaggtgcct	ggcccatggt	gcaggggggc	gtggagccca	tgcagatcga	180
cgtggacccc	caggaagacc	cgcagaatgc	acctgacgtc	aactacgtgg	tggagaaccc	240
cagcctggat	ctggaacagt	acgcggccag	ctacagcggc	ctggccactg	ggtgccaccc	300

<210> 5247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5247

ggtatgtgta	gcggcagtgg	ccgcggcgcg	agcagtctga	gcccgcagat	gaggccgggg	60
acgggagctg	agcgtggagg	cctcatgggtg	agtgaatgg	agagccatcc	tcctctgcag	120
ggtcctgggg	acggggagcg	gagattgtcc	ggctcaagcc	tctgtccgg	ctcttgggtc	180

tctgctgacg	gcttcctgag	gagacggccc	tcggttaaggg	atcagtgggg	cagggggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 5248

<211> 507

<212> DNA

<213> Homo sapiens

<400> 5248

agggggcggg	cccgtagcc	gattccatat	gggcgcgggc	gcggagcgcc	gcggggcagc	60
gcggggtcgc	catggctgag	ctgcagcagc	tccgggtgca	ggaggcggtg	gagtccatgg	120
tgaagagtct	ggaaagagmg	rwcmtsckkm	wswyrcregag	gtctcatgtt	ccggtgcagc	180
gccagctgtt	gtgaggacag	ccaggcctcc	atgaagcagg	tgcaccagtg	catcgagcgc	240
tgccatgykc	ctctggctca	agcccaggct	ttggtcacca	gtgagctgga	gaagttccag	300
gaccgcctgg	cccggtgcac	catgcattgc	aacgacaaag	ccaaagattc	aatagatgct	360
gggcgtaagg	agcttcagg	gaagcagcag	ctggacagtt	gtgtgaccaa	gtgtgtggat	420
gaccacatgc	acctcatccc	aactatgacc	aagaagatga	aggaggctct	cttatcaatt	480
ggaaaataaa	agtatcttcc	agtggcc				507

<210> 5249

<211> 1718

<212> DNA

<213> Homo sapiens

<400> 5249

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tgctccacc	tccaccacag	cctgcccagc	tttcagtcca	gcaacaggca	gctcagccaa	180
cccgtgggt	agcacctcgg	aaccgtggca	gtgggttcgg	tcataatggg	gtggatggta	240
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tggagaagct	tcgggtccatt	aataactata	accccaaaga	ttttgactgg	aatctgaaac	360
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aacggttgca	tctgcataatc	ctaagaggaa	aaaatgacct	tcaagagaat	taggactttt	960
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acaaaaaaag	acataggact	taactggaaa	atgaaaaaaa	aaagaaaaag	raaaaaactaa	1080
acaaaaaatc	cctctaggta	gttttaggtga	aaaatgtccc	ttttattttg	gctttgggtg	1140
tgatttcaga	gcataatgct	atgttttttt	gtctttttac	tatgtttttc	ggatttttaa	1200
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<210> 5250

<211> 426
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 5250
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 acgggctgac ctccccgctg acagagccgg tgggtgtact ggaggggcac accaagcgag 180
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 agaagg 426

<210> 5251
 <211> 538
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
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 <223> n = A,T,C or G

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 gttgaggaca cctaggttca cggctctgagt aacacctcat tacaccgaag cctgggcctg 120
 tattcccaga gctttgggag gctgaggcga gaggatcact tgagcacagg agttcgagac 180
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 tggggcccca gcttgtacgg agtctttccc agaaggcccg gcttgggaaca gtacatccca 480
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<210> 5252
 <211> 1603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1603)
 <223> n = A,T,C or G

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